# ORDNANCE SUPPLY CATALOG

Group G

Technical Reference TM 9-731A

## List of all Service Parts

for

# Tank, Medium, M4A1 76 mm Gun, Wet

(Supersedes ORD 9 Portion of ORD 7-8-9 SNL G-207 dated 30 December 1943. For full explanation of Supersession data see inside of back cover.)



HEADQUATERS, ARMY SERVICE FORCES, 20 MAY 1945

*Headquarters, Army Service Forces,*

**Washington 25, D. C., 20 May 1945**

**Army Service Forces Ordnance Supply Catalog, Ord 9. SNL G-207, List of all Service Parts, for TANK, MEDIUM, M4A1, 76 mm. Gun, Wet has been prepared under the supervision of the Chief of Ordnance and is published for the information and guidance of all concerned.**

**SPX 461 (15 April 1945.)**

**By command of General SOMERVELL:**

**OFFICAL:**

| | |
|---|---|
| **J. A ULIO,** | **Le R. LUTES** |
| **Major General** | **Major General, GSC** |
| **The Adjutant General** | **Chief of Staff** |

**Distribution: ASF Cat. Ord 9 SNL G-207, 20 May 1945**

**AAF (10); AGF (10); ASF (2); T of Opn (10); Arm & Sv Bd (2); S Div ASF (1); Tech Sv (2); SvC (10); PC&S (1) except Air Bases (0); PE 9 (5); Dist O 9 (5); Dist Br O 9 (3); Reg O 9 (3); Establishment 9 (5); Decentralized Sub-O 9 (3); Tk Dep 9 (5); Gen & Sp Sv Sch (10); USMA (2); A (10); CHQ (10); D (2); R 9 (2); Bn 9 (2); C 9 (3).**

**Refer to FM 21-6 for explanation of distribution formula.**

# ERRATA SHEET FOR ORD 9, SNL G-207

Items appearing on the page indicated in the Page Number Column (Col. 0) are to be changed as indicated in the Remarks Column (Col. 9)

| (0) PAGE NO. | (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE | (9) REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| 53 | | G104-5700053 | | 5700053 | | KIT, engine piston, service (For all R975 Series Continental Engines) .............. | AR | | New item, Group 0104 |
| | | | | | | (Consists of: | | | |
| | | 2220-203256 | | 203256 (CWR-203256) | | 1 PISTON (standard) | | | |
| | | G163-7006945 | | 203269 (CWR-203269) | | 1 PIN, piston | | | |
| | | G163-7006944 | | 203268 (CWR-203268) | | 2 PLUG, piston pin | | | |
| | | G104-5700054 | | 5700054 | A5700054 | 1 RING SET, engine piston service) | | | |
| 57 | | G104-5700054 | | 5700054 | A5700054 | RING SET, engine piston service (For all R975 Series Continental Engines) (supersedes RING SET, G163-7005688 and G163-7006769) .......................... | AR | | New item, Group 0104 |
| | | | | | | (Consists of: | | | |
| | | G163-7006769 | | 203332 (CWR-203332) | | 1 RING, compression (chrome) | | | |
| | | G104-0101880 | | 201406 (CWR-201406) | | 3 RING, compression (tin plate) | | | |
| | | G104-0101885 | | 201898 (CWR-201898) | | 2 RING, oil control (tin plate) | | | |
| | | | | | | NOTE: RING, CWR-203332 chrome (colored copper) is not to be used with reclaimed cylinders (painted red). | | | |

# ORDNANCE SUPPLY CATALOG

Group G Technical Reference TM 9-731A

List of all Service Parts

for

# TANK, MEDIUM, M4A1

## 76 mm. GUN, WET

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**GENERAL INFORMATION** This is a list of all items of Service for the Tank, Medium, M4A1 (76 mm. Gun, Wet) arranged according to standardized government grouping. *WARNING: Many of the parts listed herein are not stocked for issue. See ORD 7 and 8 of the appropriate major combination SNL for those parts stocked for issue. In case parts not listed in ORD 8 are needed, separate requisitions for these parts should be forwarded through normal supply channels with justification therefor.*

This list of all service parts is to be used for identification and storage purposes. Every individual part is not necessarily stored by iteslf; in fact, many parts are stored as authorized assemblies. Such assemblies are indicated herein. The components, however, of such assemblies that are items of service are listed alphabetically within the appropriate groups with the number of each particular part required per unit assembly.

For full information relative to the Ordnance Supply Catalog, the procedure followed and the principles employed in their compilation, together with the purposes and uses thereof, see ORD 1, Introduction; ORD 2, Index; and the (OPSR) Ordnance Provision System Regulations.

FEDERAL STOCK NUMBERS—Classifications Codes for Federal Stock Numbers listed herein will be found in ORD 5-2 "Stock List."

QUICK REFERENCE

## SPECIAL INFORMATION

**Major Item Designation:** The major item covered by this catalog is designated as a combat vehicle as defined in paragraph 3, AR 850-15, dated 28 August 1943.

**Ordnance or Manufacturer Part Number and Ordnance or Manufacturer Drawing Number:**

In columns 4 and 5 manufacturers' numbers will always appear in parentheses. When more than one number applies to the same part, all except the first will be indented.

**Components of Kits, Sets and Assemblies:** Whenever any doubt might exist as to the components of an assembly, an explanatory statement or a complete listing of components is furnished. For all KITS and SETS a complete listing of components is given. Wherever separate items are shown which are also part of a KIT or SET that fact is stated following the nomenclature of the separate item.

**Attaching Parts:** Attaching parts such as bolts, nuts, rivets, screws and washers are intended immediately under the part or assembly which they attach. Whenever two similar items, such as right and left cylinder heads, optional generators, two fuel tanks, superesding spring assemblies, etc., have the same attaching parts, the attaching parts are listed only after the last of the similar parts. The quantities shown for the attaching parts are for both right and left cylinder heads, or only one of the optional generators, etc.

**Illustrations:** This catalog contains various illustrations to aid the user in locating and identifying parts. These are so placed as to be convenient for reference in connection with the text. For each part identified on an illustration the noun, part number and group number of the item is given. An index of illustrations by number, title and page is included with other indexes at the back of the book.

**Indexes:** Complete indexes, alphabetical and numerical, are furnished at the back of the book. These indexes and contents are explained in brief paragraphs at the beginning of each index.

**Stock Numbers:** The prefix of the SNL type stock number (i.e. G067, G502, etc.) signifies that the particular part or component was originally coded under the major item designation for that SNL and does *NOT* mean that the part is used only in that major item. All subsequent lists include that same part will show the identical stock number.

**Publications Pertaining To This Vehicle:**

| | | |
|---|---|---|
| Operator's Manual | TM 9-731E | |
| Maintenance Manuals | TM 9-1750B | Power Train (one-piece differential) |
| | TM 9-1750C | American Bosch Magnetos MJT7A302, MJT9A304 and MJT 9A306 |
| | TM 9-1750K | Tracks and Suspension and Hull |
| | TM 9-1751 | Continental Engine (model R975-C1) |
| | TM 9-1825A | Delco-Remy Electrical Equipment |
| | TM 9-1825B | Auto-Lite Electrical Equipment |
| | TM 9-1826B | Stromberg Carburetors |

**Interchangeability of Components:** The major components of this vehicle are interchangeable with those of other vehicles on the M4 tank chassis.

The Continental radial gasoline engine (R975-C1 and C4) in this vehicle is similar to that used in the following and information may be had by referring to the SNL's listed:

| | |
|---|---|
| Tank, Medium, M4 (75-mm. Gun, Dry) | SNL G-104, Vol. 6 |
| Tank, Medium, M4A1 (75-mm. Gun, Dry) | SNL G-104, Vol. 11 |
| Tank, Medium, M4 (105-mm. Howitzer) | SNL G-104, Vol. 14 |
| Carrier, Cargo, M30 (T14) | SNL G-158 |
| Carriage, Motor, 155-mm. Gun, M12 | SNL G-158 |
| Carriage, Motor, 76-mm. Gun, M18 (T70) | SNL G-163 |
| Carriage, Motor, 105-mm. Howitzer, M7 | SNL G-128 |
| Vehicle, Utility, Armored, T41 | SNL G-163 |

The differential and final drives, transmission, track and volute spring suspension are the same as or similar to all vehicles mentioned above (except Carriage, Motor, 76 mm. Gun M18 (T70) and Vehicle, Utility, Armored, T41), as well as the other vehicles based on the M4 series tank chassis.

**Identification Plates For Vehicle and Principal Components:**

The location of the various serial numbers is as follows:

| Name of Unit | Location |
|---|---|
| BATTERY | Cell Connector at Top of Battery |
| VOLUTE SPRING SUSPENSION | Top of Main Casting |
| CRANKING MOTOR | On Motor Housing |
| EMERGENCY STOP SOLENOID | On Housing |
| ENGINE | On Main Case Top |
| FIRE EXTINGUISHER CONTROL | On Face of Housing |
| GENERATOR | On Generator Housing |
| GENERATOR REGULATOR | On Cover |
| 50 CAL. MACHINE GUN | Right Side of Magazine |
| 50 CAL. MACHINE GUN MOUNT | Top of Bracket |
| THOMPSON-SUB-MACHINE GUN | Left Side of Magazine |
| POWER TRAIN | Center of Top Slope on Differential Housing |
| QUADRANT, ELEVATING | Plate on Side Cover |
| TELESCOPE | Plate on Mounting Bracket |
| VEHICLE | Left Hull Side Plate at Driver's Seat |

**Definition of Locational Terms:** All like parts on the vehicle which are not interchangeable are designated Left and Right in respect to their position in the vehicle when it is viewed from the rear facing forward. The engine end of the vehicle is considered the rear end.

**How to Find Parts:** This catalog is arranged and cross-indexed so that parts can be found easily even though only one of the several identifying factors is known. The various ways in which parts can be located are as follows:

If the nomenclature (basic name) only is known, refer to the alphabetical index in the back of the book. This index will give the subgroup in which the part is listed. As the part names are arranged in alphabetical order within the subgroups, the complete listing of the part can readily be found.

If any one of the numbers—Ordnance, manufacturers' or stock—is known, refer to the appropriate numerical index in the back of the book. This index will give the subgroup number in which the part is listed. By checking in the appropriate number column in that subgroup, the complete listing of the part can readily be found.

If the use, function or location, of the part is known, refer to the illustration index to determine on which the part in question is most likely to appear. Then turn to the proper illustration and pick the proper part from which reference to the proper nomenclature, part and stock number, etc. can be determined. Also reference to the standardized government grouping immediately following this explanation will be of help in selecting parts upon a functional basis.

**Notice:** of discrepancies or suggested changes should be directed to Office, Chief of Ordnance—Detroit, Maintenance Division, Military Publications Branch, SPOMM-BM, Detroit 32, Michigan.

**Standardized Government Grouping:** The parts listed in this catalog are arranged by groups and subgroups and alphabetically within these groups. Parts are grouped primarily on the basis of their function. This arrangement facilitates location and selection of parts. See "How To Find Parts" in General Information.

**01 ENGINE GROUP**

- 0100 Engine Assembly
- 0101.1 Front Crankcase Section
- 0101.2 Main Crankcase Section
- 0101.3 Rear Crankcase Section
- 0101.4 Diffuser Section
- 0101.5 Cylinder
- 0102 Crankshaft
- 0103 Flywheel
- 0104 Pistons, Rings, Pins, Connecting Rods and Bearings
- 0105.1 Valves, Guides, Seats and Springs
- 0105.2 Valve Lifts, Push Rods, Rockers and Tappets
- 0105.3 Cam Ring and Bearings
- 0106.11 Oil Pumps
- 0106.15 Scavenger Pump
- 0106.2 Oil Filter
- 0106.3 Oil Cooler
- 0106.5 Oil Breather
- 0106.6 Oil Lubrication System and Tanks
- 0106.8 Oil Temperature Regulator
- 0108 Intake and Exhaust Manifolds
- 0109.1 Supercharger Impeller and Drive
- 0109.2 Three-Way Accessory and Fuel Pump Drive
- 0109.3 Cam and Cranking Motor Drive
- 0109.4 Magneto Accessory Drive
- 0109.5 Generator Drive
- 0109.6 Tachometer Drive

**02 CLUTCH GROUP**

- 0200 Clutch Assembly and Housing
- 0201 Clutch Disc, Facing, Hub, Driven Plates, Pressure Plate, Springs, Pilot Bearing and Spindle
- 0202 Clutch Release Sleeve and Bearing

**03 FUEL GROUP**

- 0301 Carburetor
- 0302.1 Romec Fuel Pump
- 0302.2 AC Fuel Pump
- 0304 Air Cleaner, Parts, Tubes, Hose and Clamps
- 0306 Fuel Tanks and Lines
- 0308 Engine Speed Governor
- 0309 Fuel Filter
- 0311 Engine Priming System

**04 EXHAUST GROUP**

- 0401 Exhaust and Tail Pipe

**05 COOLING GROUP**

- 0502 Engine Cowling and Deflectors
- 0505 Fan

**06 ELECTRICAL GROUP**

- 0601.1 Auto-Lite Generator
- 0601.5 Delco-Remy Generator
- 0601.8 Eclipse Generator
- 0602.1 Auto-Lite Generator Regulator
- 0603.5 Delco-Remy Cranking Motor
- 0603.8 Eclipse Cranking Motor
- 0604.11 Scintilla Magneto
- 0604.15 Bosch Magneto
- 0604.51 Eclipse Booster Coil
- 0604.55 Auto-Lite Booster Coil
- 0604.58 Delco-Remy Booster Coil
- 0605 Ignition Wiring
- 0607 Instrument Panel and Carrier
- 0608 Switches, Breakers and Terminal Boxes
- 0609.1 Head Lamps, Tail and Marker Lamps and Lamp-Units
- 0609.2 Auxiliary Lights
- 0611 Horn, Horn Cable and Switch
- 0612 Batteries

## 19 TURRET GROUP

1901 Crash Pad
1901.1 Turret Race Assembly
1901.21 Turret Traversing Lock
1901.25 Turret 76mm. Gun Traveling Lock, Assembly—7053894
1901.26 Turret 76mm. Gun Traveling Lock, Assembly—7069718
1901.31 Gunner's Seat
1901.35 Loader's and Commander's Seat
1903.11 Commander's Cupola
1903.15 Turret Escape Hatch, Assembly—D94598
1903.16 Turret Escape Hatch, Assembly—7054011
1903.18 Pistol Port
1903.21 Turret Periscope Housing
1903.25 Turret Sighting Device
1905.1 Turret Hand Traversing Mechanism
1905.2 Turret Power Traversing Mechanism Bearings, Cases and Gears
1905.3 Turret Power Traversing Mechanism Hydraulic Motor
1905.5 Turret Power Traversing Mechanism Hydraulic Pump
1905.61 Turret Power Traversing Mechanism Hydraulic Pump Control and Gun Firing Handle
1905.65 Turret Power Traversing Mechanism Hydraulic Pump Pilot Valve and Dual Control Assembly—C100603
1905.68 Turret Power Traversing Mechanism Hydraulic Pump Pilot Valve and Dual Control Assembly—7068143
1905.7 Turret Power Traversing Mechanism Reservoir and Lines
1905.9 Turret Power Traversing Mechanism Electric Motor
1906 Turret Stowage and Ammunition Boxes

## 22 ACCESSORIES GROUP

2208.1 Speedometer, Adapters and Drive Shaft
2208.2 Tachometer, Adapters and Drive Shaft
2209.1 Azimuth Indicator and Parts
2209.2 Compass

## 24 FIRE EXTINGUISHER SYSTEM GROUP

2401 Portable and Stationary Fire Extinguisher Systems

## 29 AUXILIARY GENERATOR GROUP

2900 Auxiliary Generator and Engine Assembly
2911 Auxiliary Engine Crankcase, Barrel, Cylinder Block and Head
2912 Auxiliary Engine Crankshaft and Bearings
2913 Auxiliary Engine Flywheel
2914 Auxiliary Engine Pistons, Bearings, Connecting Rods, Pins and Rings
2918 Auxiliary Engine Intake and Exhaust Manifolds and Heat Controls
2931 Auxiliary Engine Carburetor
2933 Auxiliary Engine Air Cleaner
2935 Auxiliary Engine Fuel Tanks, Fittings, Level Gages and Lines
2937 Auxiliary Engine Fuel Filter
2939 Auxiliary Engine Fuel Shut-Off Valve
2941 Auxiliary Engine Muffler, Exhaust and Tail Pipes
2961 Auxiliary Engine Generator
2964.1 Auxiliary Engine Distributor or Magneto
2965 Auxiliary Engine Ignition Coil, Wiring, Spark Plugs and Switches
2967 Auxiliary Engine and/or Generator Instruments, Panel Wiring, Control Panel and Mountings

**Manufacturers' Identification Symbols:** Listed below are the symbols used as prefixes to the manufacturers' numbers appearing in this book. This symbol indicates the manufacturer whose number is used for each item.

| Symbol | Manufacturer | Address |
|---|---|---|
| AC | AC SPARK PLUG DIVISION (G.M.C.) | Flint, Michigan |
| ACC | AMERICAN CABLE DIVISION (AMERICAN CHAIN AND CABLE CO.) | 230 Park Ave., New York 17, N. Y. |
| AD | ALEMITE DIVISION (STEWART-WARNER CORP.) | 1826 Diversey Pkwy., Chicago, Ill. |
| AIR | AIR CORPS STANDARD | |
| AL | ELECTRIC AUTO LITE CORP. | Mulberry and Champ St., Toledo, Ohio |
| AN | ARMY NAVY STANDARD | |
| BN | BANTAM BEARING CORP. | South Bend 21, Ind. |
| BO | AMERICAN BOSCH CORP. | 3664 Main St., Springfield, Mass. |
| BS | BENDIX-STROMBERG CARBURETOR CO. | South Bend, Ind. |
| BZ | BREEZE CORP., INC. | 24 S. Sixth St., Newark, N. J. |
| CC | CHRYSLER CORP. | Detroit 31, Mich. |
| CM | CHICAGO RAWHIDE MANUFACTURING CO. | 1303 Elston Ave., Chicago, Ill. |
| CP | CHAMPION SPARK PLUG CO. | Toledo, Ohio |
| CU | CUNO ENGINEERING CORP. | 80 S. Vine St., Meriden, Conn. |
| CWR | CONTINENTAL-BUILT WRIGHT ENGINES (CONTINENTAL MOTORS CORP.) | 205 Market St., Muskegon, Mich. |
| DN | DONALDSON CO., INC. | 666 Pelham St., St. Paul, Minn. |
| DR | DELCO-REMY DIVISION (G.M.C.) | 901 S. Main St., Delphos, Ohio |
| DV | DOLE VALVE CO. | 1901 Carroll Ave., Chicago, Ill. |
| EC | ECLIPSE-PIONEER DIV. (BENDIX AVIATION CORP.) | Teterboro, N. J. |
| FE | FEDERAL ELECTRIC CO. | 8700 S. State St., Chicago, Ill. |
| FL | FULTON CO. | 1912 S. 82nd St., Milwaukee 14, Wis. |
| GM | GENERAL MOTORS CORP. | 3044 W. Grand Blvd., Detroit, Mich. |
| HC | COLE-HERSEE CO. | 54 Old Colony Ave., So. Boston 27, Mass. |
| HL | HOMELITE CORP. | Port Chester, N. Y. |
| HR | HARRISON RADIATOR CORP. | Washburn and Walnut Sts., Lockport, N. Y. |
| HY | HYATT BEARINGS DIV. (G.M.C.) | P. O. Box 71, Harrison, N. J. |
| LI | LISLE CORP. | 807 E. Main St., Clarinda, Iowa |
| LPC | LA PLANTE-CHOATE MFG. CO., INC. | 2920 First Ave. E., Cedar Rapids, Iowa |
| LPE | LIPE-ROLLAWAY CORP. | 208 S. Geddes St., Syracuse 1, N. Y. |
| MRC | MARLIN-ROCKWELL CORP. | 402 Chandler St., Jamestown, N. Y. |
| MTM | MILLER MANUFACTURING CO. | 1725 Sixteenth St., Detroit 16, Mich. |
| MZ | "MAZDA"—GENERAL ELECTRIC CO. | Schenectady 5, N. Y. |
| ND | NEW DEPARTURE DIVISION (G.M.C.) | Bristol, Conn. |
| NMB | NATIONAL MOTOR BEARING CO. | Redwood City, Calif. |
| NMB | NATIONAL MOTOR BEARING CO. | 1100 78th Ave., Oakland, Calif. |
| NP | NEW PROCESS GEAR CO. | 500 Plum St., Syracuse, N. Y. |
| OG | OIL GEAR CO. (THE) | 1403 W. Bruce St., Milwaukee, Wis. |
| PG | PIERCE GOVERNOR | 1605 Ohio St., Anderson, Ind. |
| QMC | QUARTERMASTER DEPARTMENT | |
| RB | ROLLER BEARING CO. OF AMERICA | 480 Whitehead Rd., Trenton, N. J. |
| RE | ROMEC PUMP CO. | Alsbe Rd. and Taylor St., Elyria, Ohio |
| SC | SIGNAL CORPS | |
| SCI | SCINTILLA MAGNETO DIV. (BENDIX AVIATION CORP.) | Sidney, N. Y. |
| SK | SHAKEPROOF LOCK WASHER CO. | 2501 N. Keeler Ave., Chicago, Ill. |
| SKF | S.K.F. INDUSTRIES, INC. | Front St. and Erie Ave., Philadelphia, Pa. |
| SLR | SEAMLESS RUBBER CO. | 253 Hallock Ave., New Haven 3, Conn. |
| SN | SNAP-ON TOOLS CORP. | 441 Central Ave., Newark, N. J. |
| SP | SPICER MANUFACTURING CO. | 4100 Bennett Rd., Toledo, Ohio |
| STY | STALEY MANUFACTURING CORP. | 14th and Union Sts., Columbus, Ind. |
| SW | STEWART-WARNER CORP. | 1828 Diversey Pkwy., Chicago, Illinois |
| TD | TIMKEN DETROIT AXLE CO. | Clark Ave., Detroit, Mich. |
| TI | TITEFLEX METAL HOSE CO. | 501 Frelinghuysen Ave., Newark, N. J. |
| TIM | TIMKEN ROLLER BEARING CO. | 1935 Kelley Ave., Canton, Ohio |
| TL | TILLOTSON MFG. CO. | Walcott Blvd., Toledo, Ohio |
| TRU | TRU-STOP (AMERICAN CHAIN & CABLE CO.) | Bridgeport 2, Conn. |
| VG | VICTOR MANUFACTURING & GASKET CO. | 5750 Roosevelt Rd., Chicago, Ill. |
| VR | VORTOX MANUFACTURING CO. | 121 S. Alexander Ave., Claremont 7, Calif. |
| WCE | WICO ELECTRIC CO. | Phelon Ave., Providence, R. I. |
| WE | WESTINGHOUSE ELECTRIC & MFG. CO. | East Pittsburgh, Pa. |
| WH | WEATHERHEAD CO. | 300 E. 131st St., Cleveland, Ohio |
| WIL | WILCOX RICH (DIVISION OF EATON MANUFACTURING CO.) | 9771 French Rd., Detroit, Mich. |
| WK | KIDDE & CO., INC., WALTER | 675 Main St., Belleville 9, N. J. |
| WL | WELLMAN CO. (THE), S. K. | 1374 E. 51st St., Cleveland 3, Ohio |
| WR | WRIGHT AERONAUTICAL CORP. | 132 Beckwith Ave., Paterson, N. J. |

**List of Abbreviations:** The following is a list of the standard abbreviations appearing in this catalog.

| Abbreviation | Meaning |
|---|---|
| alloy-S. | alloy steel |
| anld. | annealed |
| ass'y | assembly |
| b-hd. | button head |
| br. | brass |
| brght. | bright |
| bz. | bronze |
| cd. | cadmium |
| cal. | caliber |
| ck. | countersunk |
| cont. | continued |
| cp. | candle-power |
| D.R. | double row |
| diam. | diameter |
| dld. | drilled |
| fil. | fillister |
| fil-hd. | fillister head |
| fl. | flat |
| f/ | for |
| f/lkg. | for locking |
| gal. | gallon |
| hd. | head |
| hdls. | headless |
| hv. | heavy |
| hex. | hexagon |
| hex-hd. | hexagonal head |
| lb. | pound |
| I.D. | inside diameter |
| lgh. | length |
| lgt. | light |
| L.H. | left hand |
| lkg. | locking |
| Lt. | left |
| mach. | machine |
| min. | minimum |
| mm. | millimeter |
| NC | National Coarse |
| NF | National Fine |
| ni. | nickel |
| No. | number |
| NPT | National Pipe Thread |
| NS | National Form Special |
| O.D. | outside diameter |
| oz. | ounce |
| pltd. | plated |
| pt. | point |
| reg. | regular |
| rd. | round |
| rds. | rounds |
| req. | required |
| R.H. | right hand |
| Rt. | right |
| S. | steel |
| SAE | Society of Automotive Engineers |
| s-fin. | semi-finished |
| spec. | specification |
| sq. | square |
| S.R. | single row |
| std. | standard |
| stght. | straight |
| syn. | synthetic |
| T | teeth |
| thd. | thread |
| thk. | thick |
| unfin. | unfinished |
| w/ | with |
| w/o | without |
| zn. | zinc |

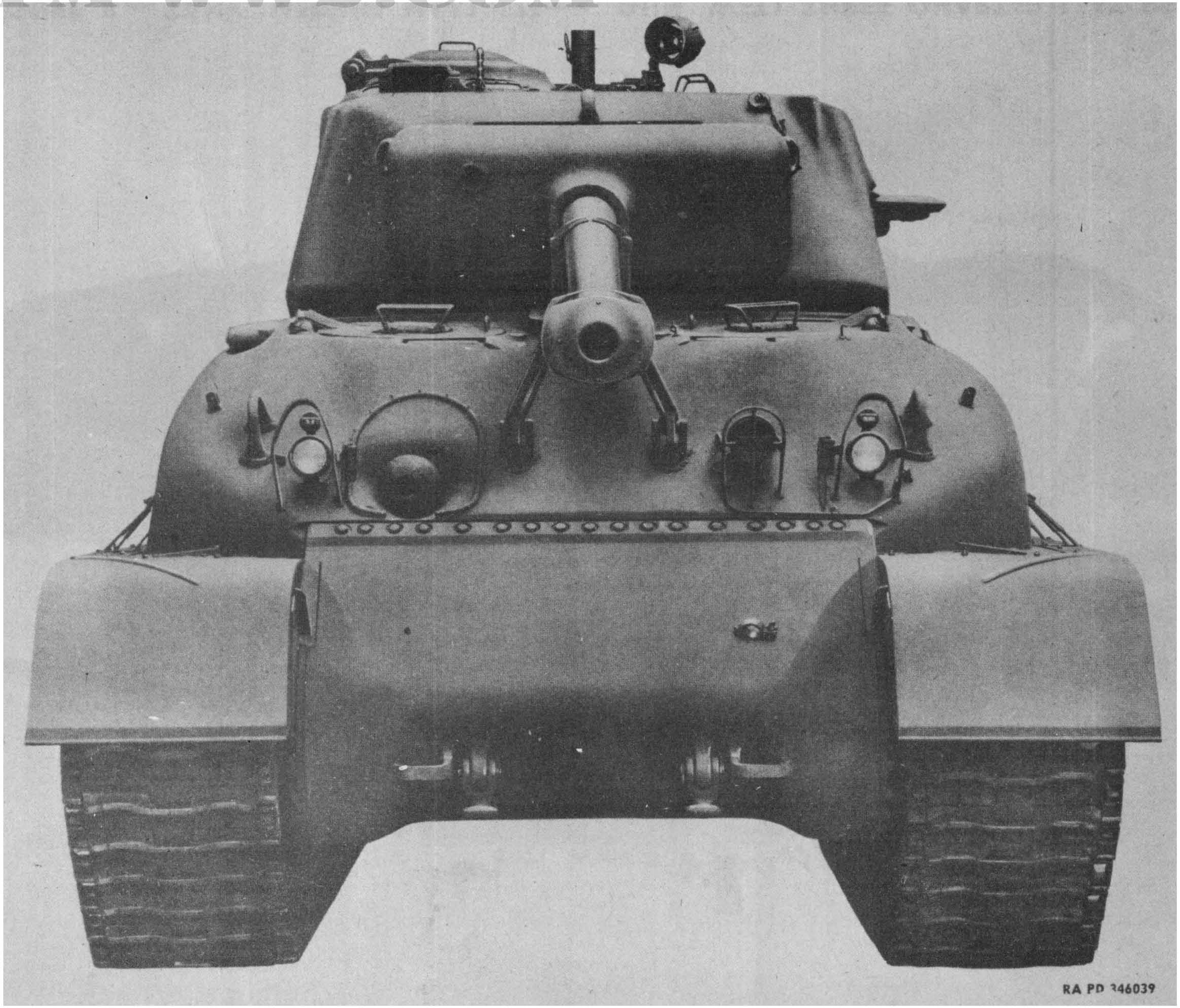



**FIGURE A — TANK, MEDIUM M4A1 (76mm. GUN, WET) — FRONT VIEW**

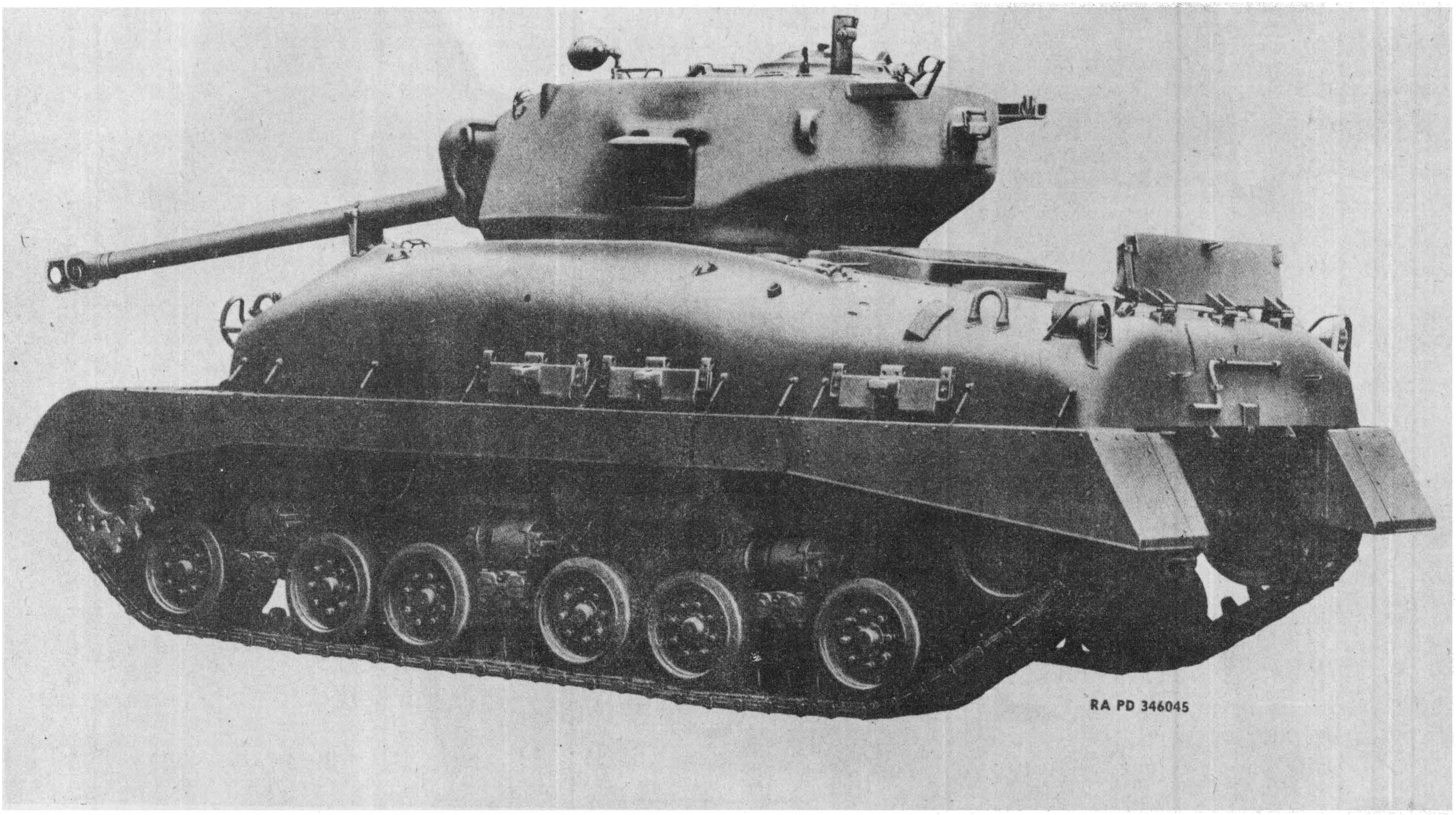



FIGURE B — TANK, MEDIUM M4A1 (76mm. GUN, WET) THREE QUARTER LEFT REAR

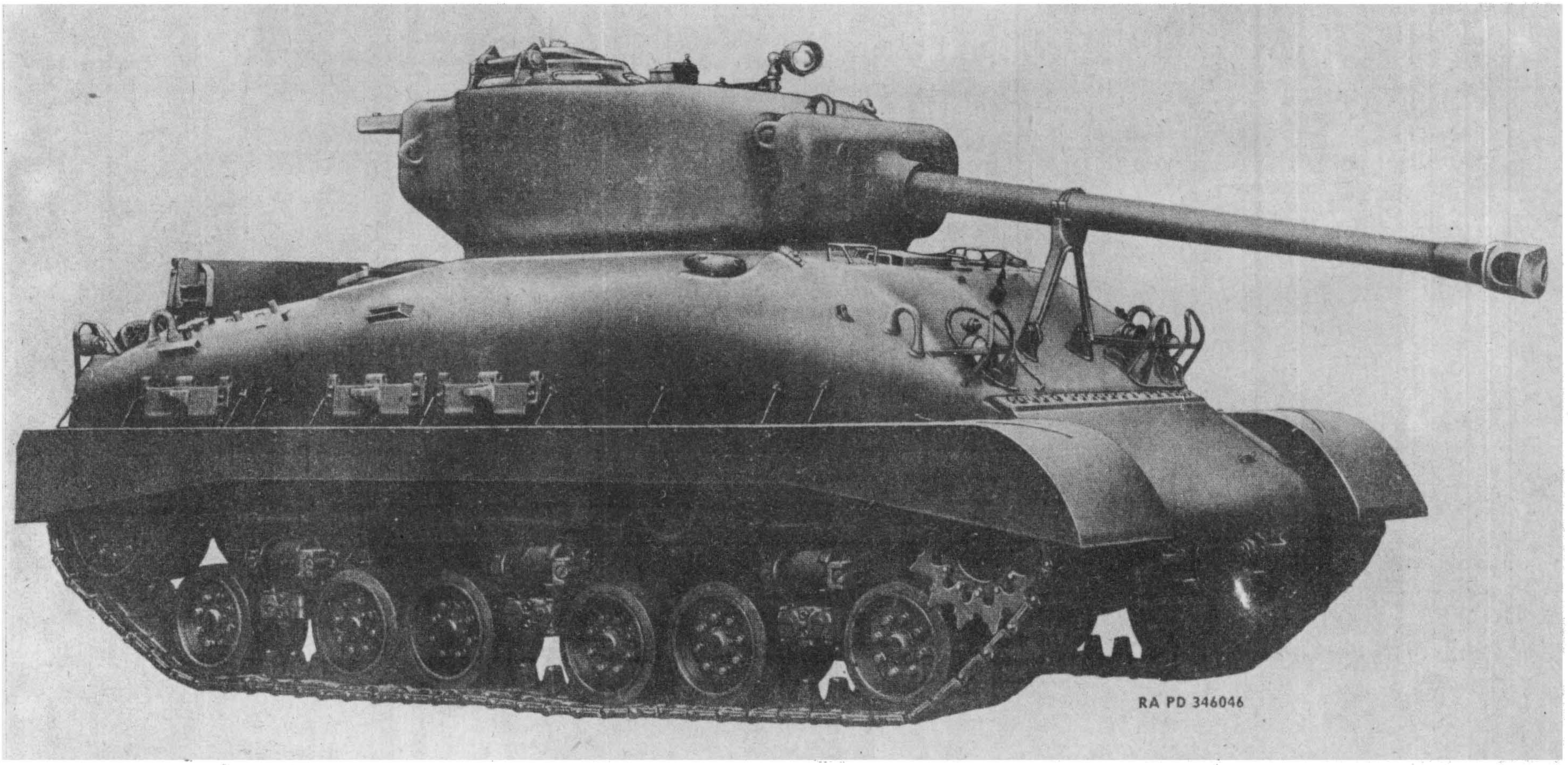



FIGURE C — TANK, MEDIUM M4A1 (76mm. GUN, WET) THREE QUARTER RIGHT FRONT

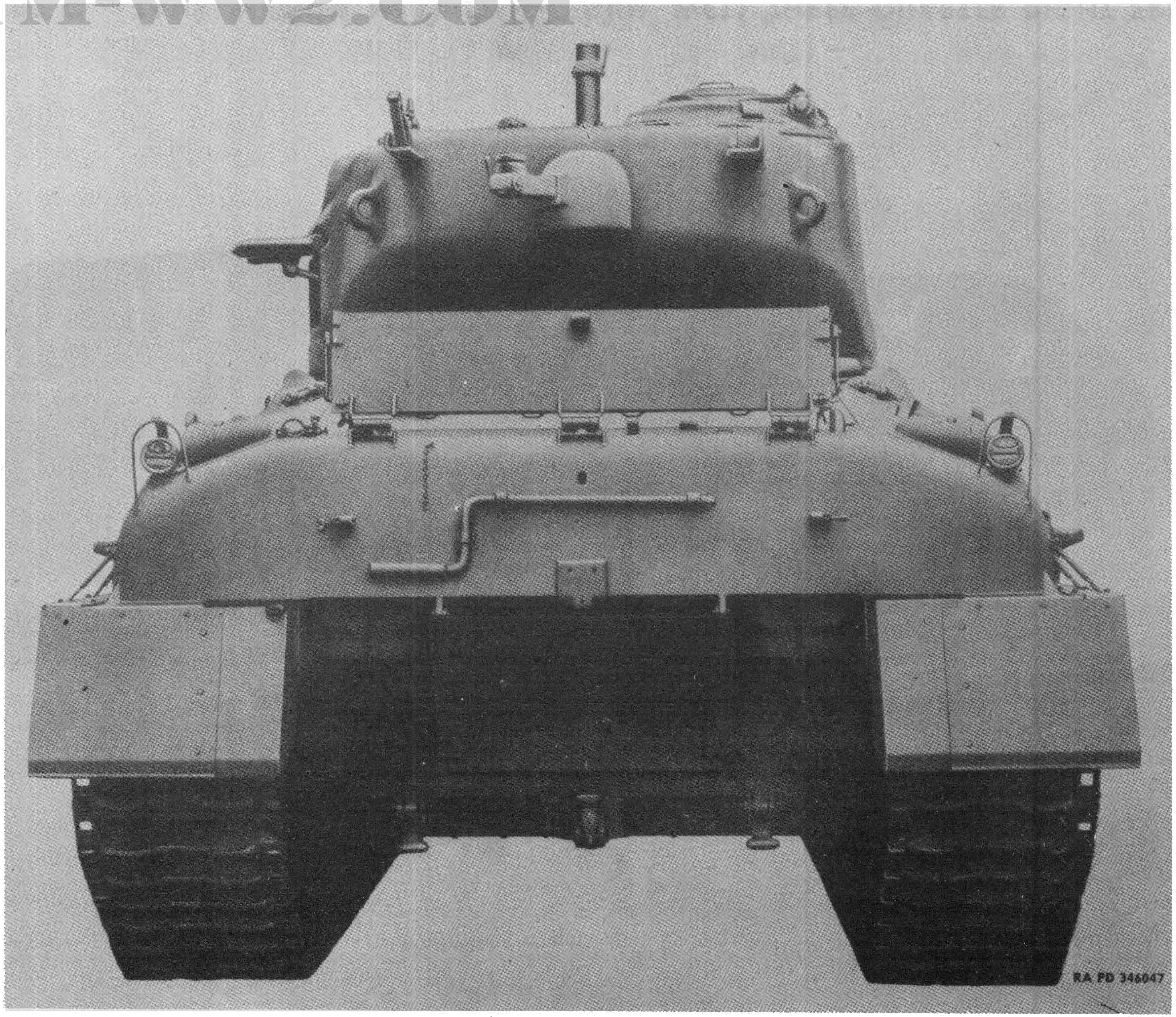



**FIGURE D — TANK, MEDIUM M4A1 (76mm. GUN, WET) REAR VIEW**

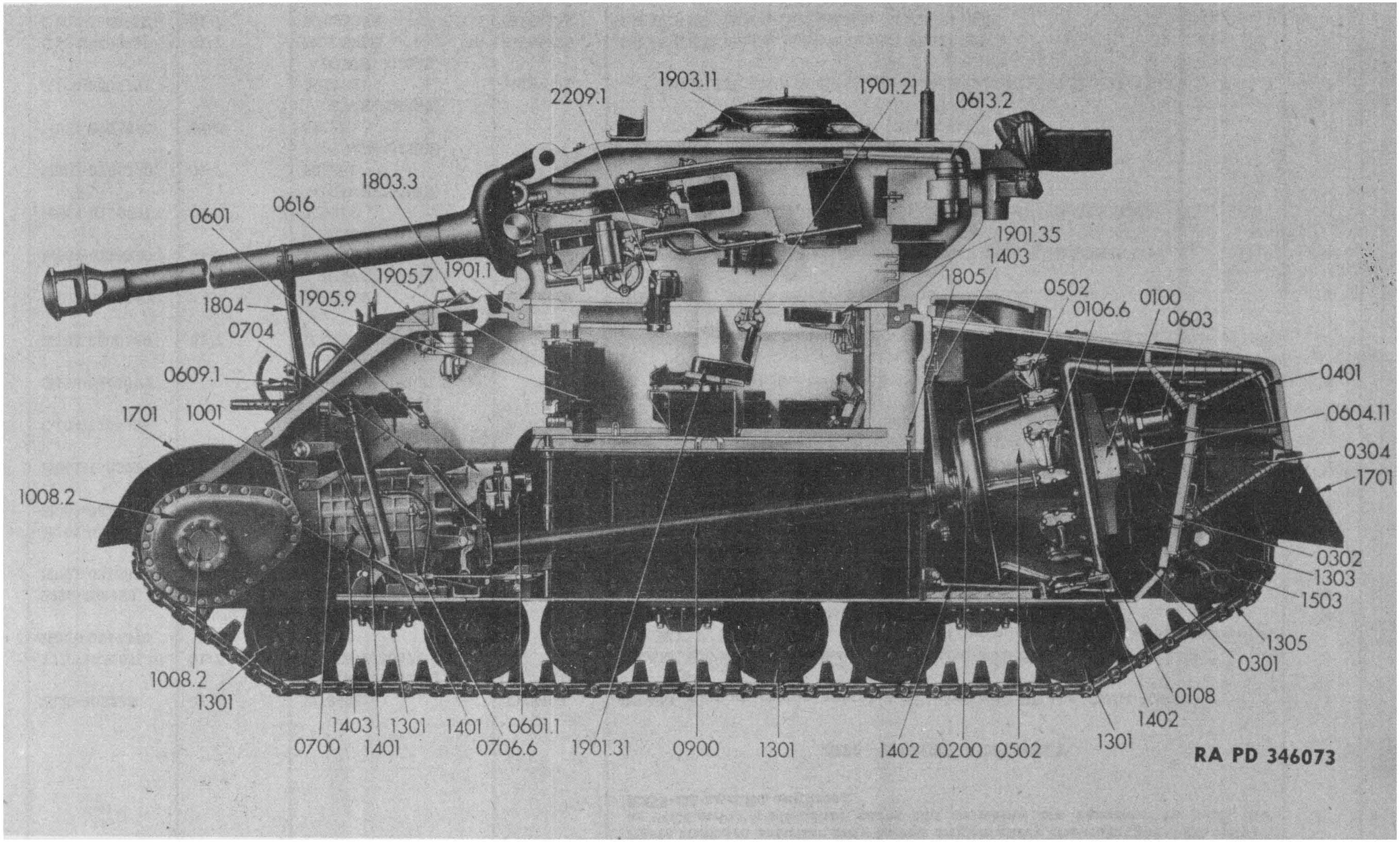
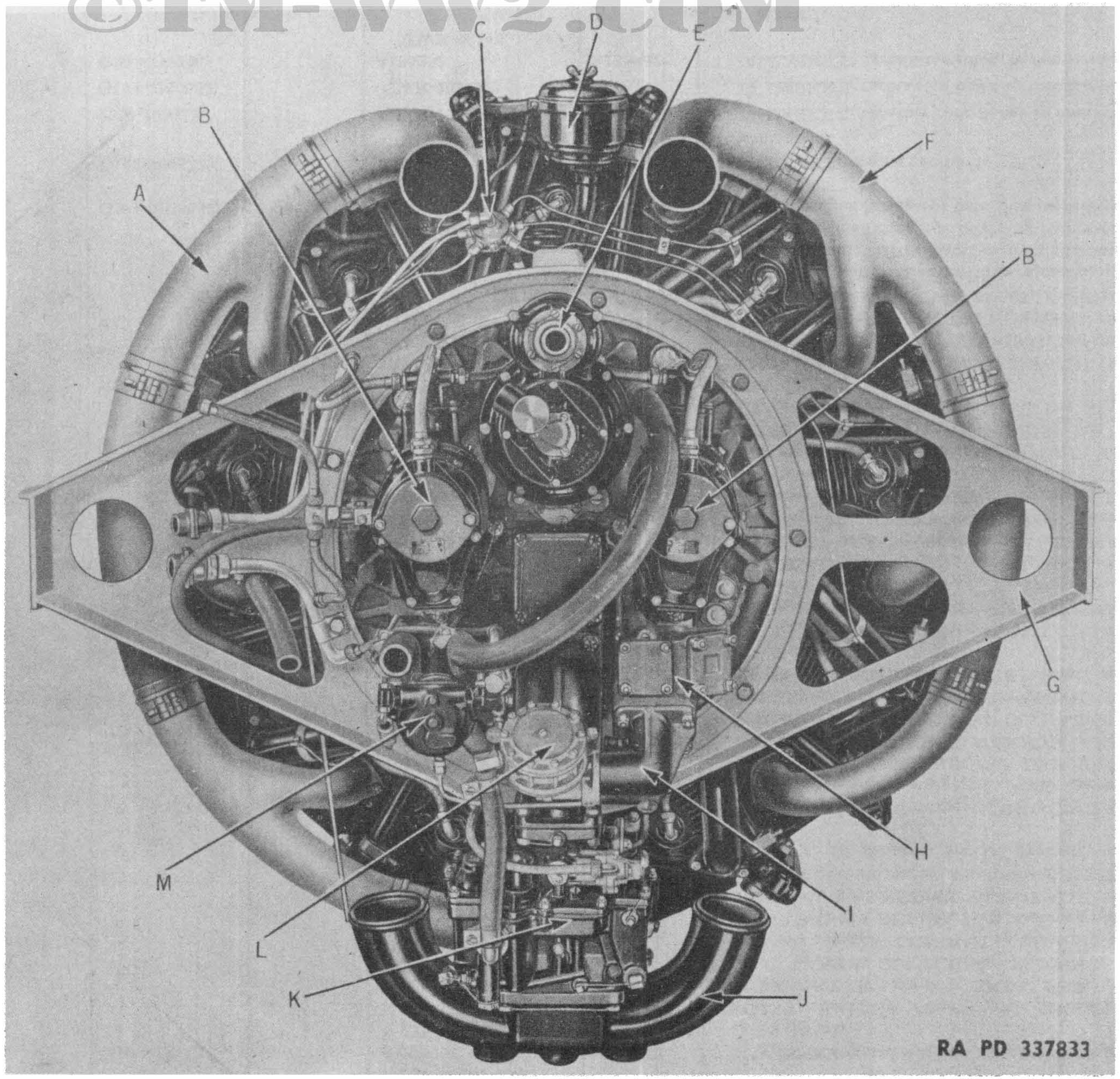



**FIGURE E — TANK, MEDIUM M4A1 (76mm. GUN, WET) — CUTAWAY VIEW (SHOWING GROUP NUMBERS OF MAJOR UNITS)**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | **All parts for both the R975-C1 and C4 engines are listed in this group. Parts that are peculiar only to one engine carry the notation "(C1 only)" or "(C4 only)"; all other parts not so noted are common to both the R975-C1 and C4 engines.** | | |
| | | | | | **0100—ENGINE ASSEMBLY** | | |
| | 2220-203239 | 01-2 | D78408 (CWR-203239) | D78408 | BEAM, support, engine, assembly (optional with BEAM, CWR-203007) | 1 | |
| | 2220-203007 | 01-7 | (CWR-203007) | | BEAM, support, engine, assembly (optional with BEAM, CWR-203239) | 1 | |
| H-1 | H001-0117370 | | 225773 (CWR-202543) | | BOLT, hex-hd., s-fin., alloy-S., dld. f/c-pin., 7/16-20NF-2 x 4⅛ (superseded by BOLT, CWR-203449) (BAOX9KA) | 9 | |
| | 2220-203499 | 01-7 | (CWR-203499) | | BOLT, engine to beam (supersedes BOLT, CWR-202543) | 9 | |
| H-1 | H001-0713025 | | 103046 (CWR-202553) | | NUT, castle, alloy-S., 7/16-20NF-2 (superseded by NUT, AIR-AN-365-720) (BBFX1D) | 9 | |
| H-1 | H101-0503357 | 01-7 | (AIR-AN-365-720) | | NUT, safety, .438-20 x .453 x .625 (supersedes NUT, CWR-202553) | 9 | |
| H-1 | H001-0811040 | 01-7 | 103374 (CWR-200826) | | PIN, cotter, split, S., 3/32 x 1 (BFAX1CG) (C1 only) | 9 | |
| H-1 | H001-1530010 | | 103342 (CWR-202555) | | WASHER, plain, S., SAE std., 7/16 (BEBX1L) (C1 only) | 9 | |
| | G104-5246083 | | A246083 (CWR-200171) | A246083 | WASHER, engine to beam bolt (C4 only) | 9 | |
| | G118-0443015 | | (AIR-AN-960-716) A246165 | A246165 | WASHER, engine to beam bolt (under head) (C4 only) | 6 | |
| | G103-0300540 | 01-7 | (CWR-203038) | | BRACKET, engine support beam, assembly (Includes: BRACKET CWR-202544 and MOUNTING) | 2 | |
| | G103-0300540 | | B132999 (CWR-202544) | B132999 | BRACKET, engine support beam, inner | 2 | |
| H-1 | H001-0116220 | 01-7 | 223599 (CWR-202542) | | BOLT, hex-hd., s-fin., alloy-S., ⅜-24NF-2 x 1¼ (BAOX1CD) | 8 | |
| H-1 | H001-0116741 | 01-7 | 224215 (CWR-202536) | | BOLT, hex-hd., s-fin., alloy-S., ⅞-14NF-2 x 6½ (BAOX5DG) | 2 | |
| H-1 | H001-0725720 | 01-7 | 503362 (CWR-202537) | | NUT, safety, S., ⅞-14NF-3 (BBSX4AK) | 2 | |
| H-1 | H001-0725660 | 01-7 | 503350 (CWR-201439) | | NUT, safety, S., ⅜-24NF-3 (BBSX4AC) | 8 | |
| | G104-0307701 | | A187371 (CWR-202538) | A187371 | WASHER, plain, engine support beam bolt (57/64 I.D. x 2⅛ O.D. x 3/16 thk.) | 2 | |
| | G104-0300731 | 01-7 | B168535B | B168535 | BRACKET, engine support beam to hull, left | 1 | |
| | G104-0300732 | 01-7 | B168535A | B168535 | BRACKET, engine support beam to hull, right | 1 | |
| | G104-0300720 | | B157094 (CWR-202534) | B157094 | BRACKET, engine support tube | 2 | |
| | G104-7002553 | 01-7 | 7002553 (CWR-203037) | | BRACKET, engine support tube, w/MOUNTING, assembly | 2 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| H-1 | H001-0116741 | | 224215 (CWR-202536) | | BOLT, hex-hd., s-fin., alloy-S., ⅞-14NF-2 x 6½ (BAOX5DG) | 2 |
| H-1 | H001-0725720 | 01-7 | 503362 (CWR-202537) | | NUT, safety, S., ⅞-14NF-3 (BBSX4AK) | 2 |
| | G104-0307701 | 01-7 | A187371 (CWR-202538) | A187371 | WASHER, plain, engine support tube bracket bolt (57/64 I.D. x 2⅛ O.D. x 3/16 thk.) | 2 |
| | | 01-1 | 7068443 (CWR-203364) | | ENGINE, assembly (Continental R975-C1) (Includes: mounting BEAM, w/BRACKETS, assembly; BREATHER; ground CABLE; CARBURETOR; air CLEANER; CLUTCH and FLYWHEEL, assembly; booster COIL; high and low tension CONDUITS; primer DISTRIBUTOR, assembly; FAN, COWLING and DEFLECTOR, assembly; GOVERNOR; magneto and engine instrument HARNESSES; MANIFOLD, assembly; MAGNETOS; cranking MOTOR, assembly; spark PLUGS; fuel PUMP; air SCOOP; SUPERCHARGER, assembly; oil pressure, low oil pressure and temperature sending UNITS) (C1 only) | 1 |
| | G104-1570404 | | A263194 | A263194 | ENGINE, assembly (Continental R975-C1) (Includes: CARBURETOR; cranking motor and generator support CLAMP, assembly; CLUTCH, assembly; booster COIL; FAN, COWLING and DEFLECTOR, assembly; GENERATOR; GENERATOR DRIVE; GOVERNOR and THROTTLE BOX w/LINKAGE; flywheel HUB; exhaust MANIFOLD; MAGNETOS; cranking MOTOR; spark PLUGS; fuel PUMP; air SCOOP; ignition HARNESS and CABLES; rear beam SUPPORT; SUPERCHARGER; front support TUBE w/BRACKETS) (C1 only) | 1 |
| | G104-7002017 | | 7002017 (CWR-203374) | | ENGINE, assembly (Continental R975-C1) (same as CWR-203364 with the following additions: accelerator rod EXTENSION, magneto and instrument wiring harness EXTENSIONS) (C1 only) | 1 |
| | | | 7068769 (CWR-203583) | | ENGINE, assembly (Continental R975-C4) (Includes: engine mounting beam BRACKET, assembly; front support tube BRACKET, assembly; air CLEANER, assembly; FLYWHEEL and CLUTCH, assembly; booster COIL, assembly; high and low tension CONDUITS; primer DISTRIBUTOR, assembly; FAN, COWLING and DEFLECTOR, assembly; GOVERNOR; magneto and engine instrument HARNESSES; MANIFOLD, assembly; MAGNETOS; cranking MOTOR, assembly; spark PLUGS; fuel PUMP; air SCOOP; SUPERCHARGER, assembly; oil pressure, low oil pressure and temperature sending UNITS) (C4 only) | 1 |
| | | 01-4 | 5700056 (CWR-203660) | | ENGINE, assembly (Continental R975-C4) (Includes: engine to oil filter hose connector elbow reducing BUSHING; fuel pump inlet hose CLAMP; engine to oil filter hose CONNECTOR; engine to oil filter hose connector ELBOW; ENGINE, assembly, CWR-203583; accelerator rod EXTENSION, assembly; magneto and instrument wiring extension HARNESS; oil filter HOSE; fuel pump inlet hose NIPPLE and oil inlet and outlet hose UNION) (C4 only) | 1 |
| | | | (CWR-200150) | | GASKET, engine lifting eye hole plug (superseded by GASKET, CWR-201199) | 2 |
| | G104-0100692 | 01-8 | A190617 (CWR-201199) | A190617 | GASKET, engine lifting eye hole plug (supersedes GASKET, CWR-200150) | 2 |
| | G163-7005773 | | 7005773 (CWR-S-203497) | | GASKET SET, engine overhaul (C4 only) (Consists of: | 1 |
| | 2220-203458 | | (CWR-203458) | | 1 GASKET, breather tube flange to crankcase | |
| | G104-0100653 | | (CWR-201437) | | 2 GASKET, carburetor brace to throttle box (1), carburetor to brace (1) | |
| | G104-0302405 | | A186952 (CWR-201450) | A186952 | 1 GASKET, carburetor elbow to rear crankcase | |

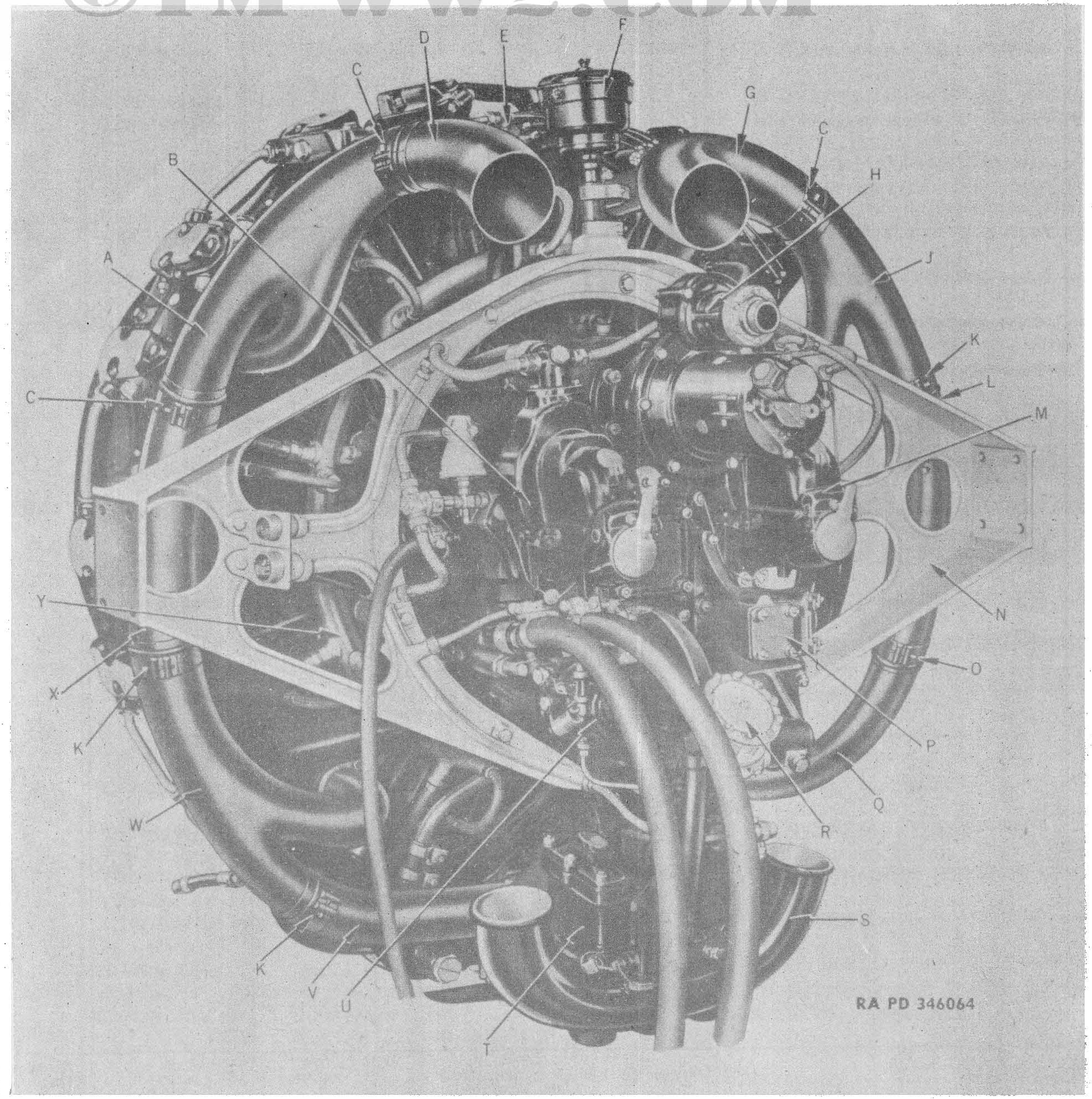
*(Cont.)*




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | MANIFOLD, ass'y | CWR-S-201807L | 0108 |
| B | MAGNETO, ass'y | D52776 | 0604.15 |
| C | DISTRIBUTOR | C90268 | 0311 |
| D | BREATHER, ass'y | CWR-201618 | 0106.5 |
| E | MOTOR, ass'y | D47397A | 0603.5 |
| F | MANIFOLD, ass'y | CWR-S-201807R | 0108 |
| G | BEAM, ass'y | CWR-203239 | 0100 |
| H | DRIVE, ass'y | CWR-203311 | 0109.2 |
| I | HOUSING, ass'y | CWR-202490 | 0109.2 |
| J | SCOOP, ass'y | CWR-200665 | 0301 |
| K | CARBURETOR, ass'y | CWR-202199 | 0301 |
| L | PUMP, ass'y | AC-1538753 | 0302.2 |
| M | GOVERNOR, ass'y | CWR-203200 | 0308 |

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**FIGURE 01-1 — ENGINE, 7068443 — REAR VIEW**



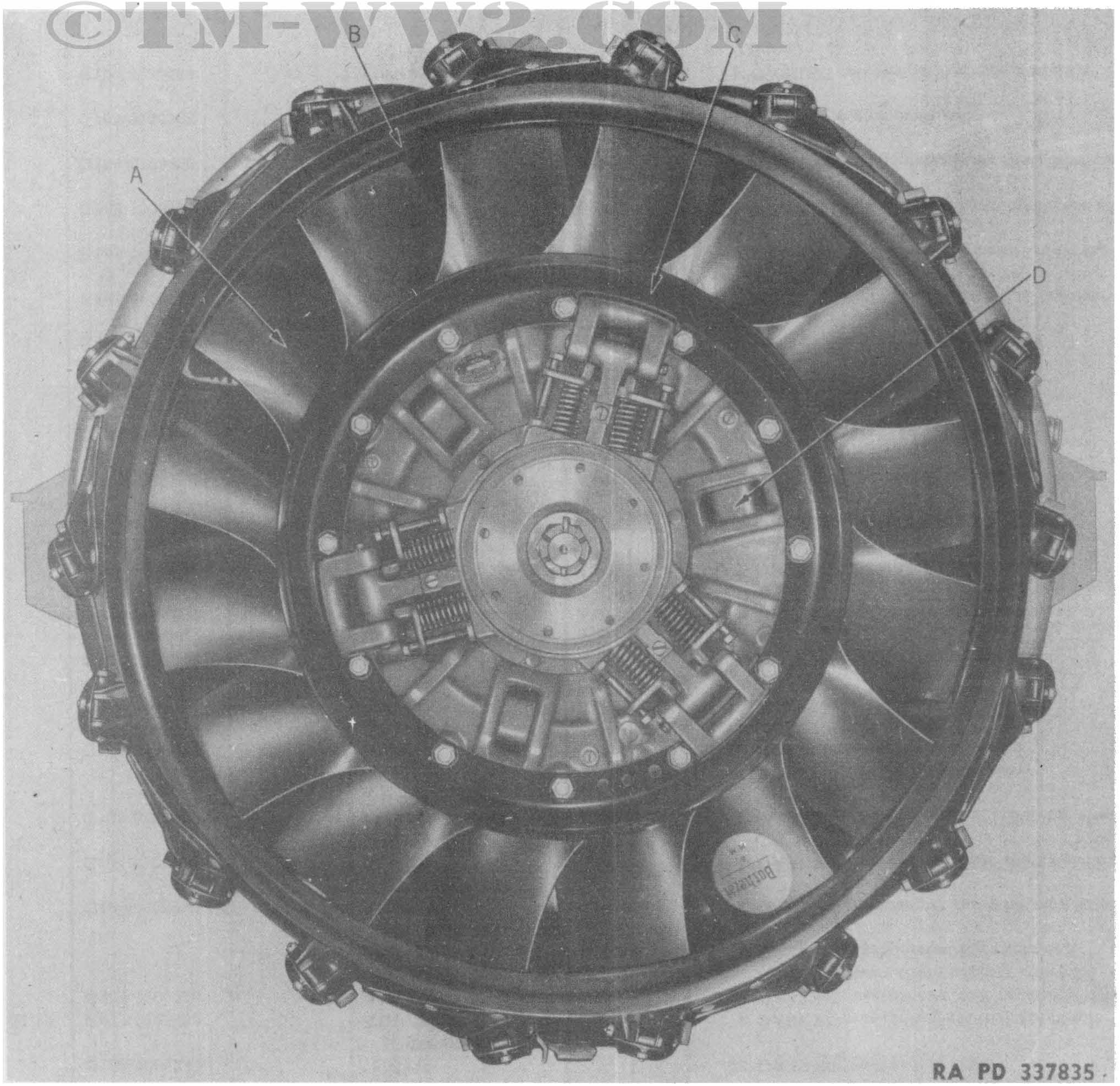

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PIPE | CWR-202372-8 | 0108 |
| B | MAGNETO, ass'y | BO-MJT-9A-306 | 0604.15 |
| C | CLAMP | CWR-201807-M3 | 0108 |
| D | PIPE | CWR-202372-9 | 0108 |
| E | DISTRIBUTOR, ass'y | CWR-203476 | 0311 |
| F | BREATHER, ass'y | CWR-201618 | 0106.5 |
| G | PIPE | CWR-202372-1 | 0108 |
| H | MOTOR, ass'y | D47397A | 0603.5 |
| J | PIPE | CWR-202372-2 | 0108 |
| K | CLAMP | CWR-201807-M2 | 0108 |
| L | PIPE | CWR-202372-3 | 0108 |
| M | MAGNETO, ass'y | BO-MJT-9A-306 | 0604.15 |
| N | BEAM | CWR-203239 | 0100 |
| O | CLAMP | CWR-201807-M1 | 0108 |
| P | DRIVE, ass'y | CWR-203311 | 0109.2 |
| Q | PIPE | CWR-202372-4 | 0108 |
| R | PUMP, ass'y | AC-1538753 | 0302.2 |
| S | SCOOP | CWR-200795 | 0301 |
| T | CARBURETOR, ass'y | BS-380132-1 | 0301 |
| U | GOVERNOR, ass'y | CWR-203200 | 0308 |
| V | PIPE | CWR-202372-5 | 0108 |
| W | PIPE | CWR-202372-6 | 0108 |
| X | PIPE | CWR-202372-7 | 0108 |
| Y | HARNESS | CWR-203295 | 0605 |

RA PD 346064A

FIGURE 01-2 — ENGINE, 5700056 — REAR VIEW

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont)* | | |
| | | | (AIR-AN900-26) | | 1 GASKET, crankcase drain and scavenger adapter plug | | |
| | G104-0100714 | | B154482 (CWR-200307) | B154482 | 1 GASKET, cranking motor drive cover to rear crankcase | | |
| | G163-7006929 | | 7006929 (CWR-203214) | | 1 GASKET, crankcase oil sump adapter to crankcase | | |
| | G104-0100670 | | A165164 (CWR-200221) | A165164 | 1 GASKET, drain tube fitting to crankcase | | |
| | G104-0100680 | | A165296 (CWR-200404) | A165296 | 9 GASKET, exhaust pipe flange | | |
| | G104-0100684 | | A171122 (CWR-200303) | A171122 | 2 GASKET, fuel pump drive housing to accessory drive housing (1), accessory drive housing to rear crankcase (1) | | |
| | | | 7006868 (CWR-202494) | | 1 GASKET, fuel pump to drive shaft housing | | |
| | G104-0100683 | | A165233 (CWR-200314) | A165233 | 1 GASKET, generator drive cover to rear crankcase | | |
| | G104-0100681 | | A165276 (CWR-200379) | A165276 | 1 GASKET, generator drive support to rear crankcase | | |
| | G104-0100682 | | A165250 (CWR-200340) | A165250 | 1 GASKET, generator idler gear shaft | | |
| | G104-0100671 | | A165285 (CWR-200389) | A165285 | 2 GASKET, gun synchronizer cover to rear crankcase | | |
| | G104-0100685 | | B154511 (CWR-200403) | B154511 | 1 GASKET, impeller shaft front bearing support | | |
| | G104-0100690 | | A165238 (CWR-200323) | A165238 | 9 GASKET, intake pipe to cylinder | | |
| | G104-0100686 | | A171139 (CWR-200633) | A171139 | 2 GASKET, impeller rear ball bearing cage to diffuser | | |
| | G104-1593740 | | A165236 (CWR-200895) | A165236 | 1 GASKET, left hand vacuum pump adapter | | |
| | G104-0100711 | | A171543 (CWR-200672) | A171543 | 2 GASKET, left hand vacuum pump adapter cover (1), governor to oil pump housing (1) | | |
| | G104-0100691 | | B154513 (CWR-200411) | B154513 | 2 GASKET, magneto to rear crankcase | | |
| H-17 | H017-0113897 | | (AIR-AN900-12) | | 1 GASKET, oil pressure relief valve body | | |
| H-17 | H017-0105453 | | (AIR-AN900-10) | | 2 GASKET, oil pressure relief valve cap (1), oil line relief valve adjusting screw nut (1) | | |
| | G104-0100698 | | A165360 (CWR-200519) | A165360 | 1 GASKET, oil pump body cover | | |
| | G104-2688444 | | (CWR-202194) | | 1 GASKET, oil pump to rear crankcase | | |
| | G163-7008780 | | 7008780 (CWR-203466) | | 2 GASKET, oil sump rocker box drain fitting | | |
| | G163-7008768 | | 7008768 (AIR-AN900-18) | | 2 GASKET, oil sump strainer plug | | |

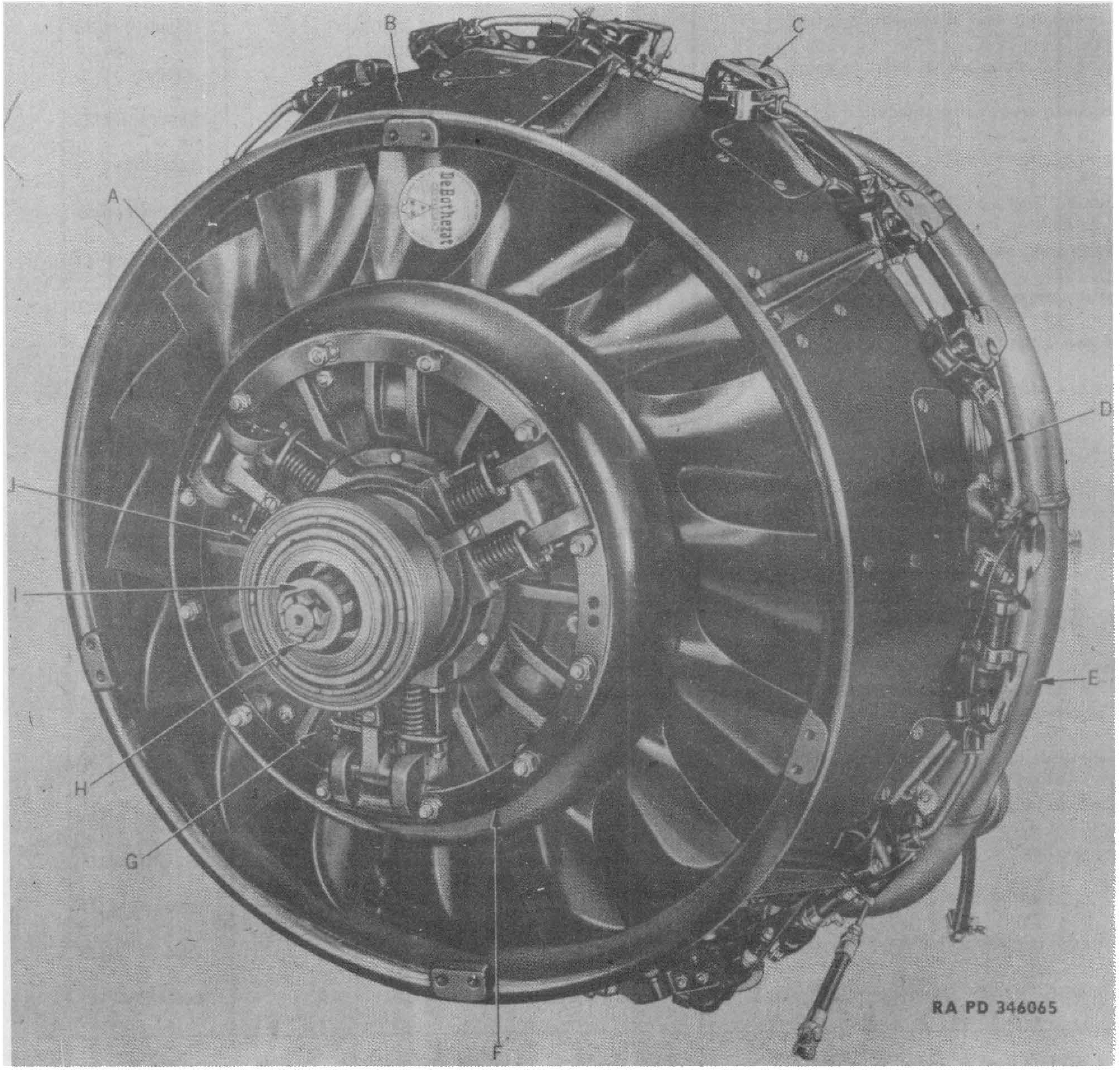
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | G163-7005766 | | 7005766 (AIR-AN900-20) | | 1 GASKET, oil thermometer adapter | | |
| | G104-0100716 | | A229724 (CWR-200907) | A229724 | 1 GASKET, right hand vacuum pump flange cover | | |
| | G163-7006832 | | 7006832 (CWR-201789) | | 18 GASKET, rocker box cover | | |
| H-17 | H017-0105452 | | AIR-AN900-9 | | 8 GASKET, rocker box cover drain nipple | | |
| | G104-0700175 | | A165260 (CWR-200353) | A165260 | 2 GASKET, tachometer and accessory drive shaft adapter (1), tachometer and accessory drive adapter cover (1) | | |
| | | | A247183 (CWR-200961) | A247183 | 2 GASKET, tachometer drive gear cap | | |
| | G104-0100712 | | A165367 (CWR-200528) | A165367 | 1 GASKET, tachometer drive housing to rear crankcase | | |
| | G104-0100713 | | A165271 (CWR-200372) | A165271 | 1 GASKET, tachometer drive shaft housing cover | | |
| | G104-0100650 | | A165262 (CWR-200355) | A165262 | 1 GASKET, throttle box to carburetor elbow | | |
| | | | (CWR-203561) | | 1 HOSE, crankcase breather tube | | |
| | G104-0100922 | | A190014 (CWR-200985) | A190014 | 18 HOSE, push rod housing, lower | | |
| | G104-0100910 | | A165212 (CWR-200273) | A165212 | 18 HOSE, push rod housing, upper | | |
| | G163-7006825 | | 7006825 (CWR-201779) | | 4 HOSE, rocker box drain connection | | |
| | G104-0102250 | | A165319 (CWR-200440) | A165319 | 2 OIL SEAL, accessory drive shaft | | |
| | G104-0102251 | | A246144 (CWR-201804) | A246144 | 1 OIL SEAL, cranking motor shaft | | |
| | G104-0102260 | | A165344 (CWR-200463) | A165344 | 2 OIL SEAL, magneto drive | | |
| | G104-0102290 | | A165394 (CWR-200581) | A165394 | 18 OIL SEAL, push rod housing adapter | | |
| | G104-0101840 | | B170148 (CWR-200398) | B170148 | 9 RING, packing, cylinder base | | |
| | G104-0101380 | | A165257 (CWR-200347) | A165257 | 9 PACKING, intake pipe | | |
| | G163-7006893 | | 7006893 (CWR-202721) | | 22 PACKING, inter-rocker box tube | | |
| | G163-7008771 | | 7008771 (AIR-AN6227-26) | | 2 PACKING, oil by-pass fitting to crankcase adapter | | |
| | G163-7008770 | | 7008770 (AIR-AN6227-15) | | 2 PACKING, oil by-pass tube to crankcase | | |
| | G163-7008769 | | 7008769 (AIR-AN6227-10) | | 2 PACKING, oil drain tube to crankcase adapter | | |
| | G104-0103460 | | A165126 (CWR-200180) | A165126 | 2 WASHER, tachometer drive shaft bushing) | | |
| | G104-0100708 | | (CWR-S-201468) | | GASKET SET, engine overhaul ................................(C1 only) (Consists of: | | 1 |
| | G104-0100663 | | A165101 (CWR-200148) | A165101 | 1 GASKET, oil temperature gage adapter *(Cont.)* | | |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | FAN, ass'y | CWR-202055 | 0505 |
| B | COWL, ass'y | CWR-202887 | 0502 |
| C | COVER, ass'y | CWR-203284 | 0103 |
| D | CLUTCH, ass'y | D78123 | 0200 |

RA PD 337835E

**FIGURE 01-3 — ENGINE, 7068443 — FRONT VIEW**




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | FAN | D78195 | 0505 |
| B | COWL | CWR-200577 | 0502 |
| C | COVER | CWR-203292 | 0105.2 |
| D | TUBE | CWR-201736 | 0106.6 |
| E | MANIFOLD, ass'y | CWR-202372 | 0108 |
| F | COWL | C101102 | 0200 |
| G | CLUTCH, ass'y | D78123 | 0200 |
| H | NUT | LPE-X4-101 | 0201 |
| I | WASHER | LPE-X10-99 | 0201 |
| J | CASE | LPE-AC-83-1 | 0201 |

RA PD 346065A

**FIGURE 01-4 — ENGINE, 5700056 — FRONT VIEW**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | (Cont.) | | |
| | G104-0100693 | | A187690 (CWR-200149) | A187690 | 1 GASKET, crankcase oil sump strainer spring plug | | |
| | G104-0100695 | | A175190 (CWR-200181) | A175190 | 1 GASKET, oil sump connection lower seal to strainer housing | | |
| | G104-0100699 | | A175191 (CWR-200182) | A175191 | 1 GASKET, crankcase to oil sump | | |
| | G104-0100715 | | A175192 (CWR-200183) | A175192 | 1 GASKET, crankcase to oil sump connection | | |
| | G104-0100670 | | A165164 (CWR-200221) | A165164 | 1 GASKET, oil sump adapter to main crankcase section | | |
| | G104-0100696 | | A175196 (CWR-200222) | A175196 | 2 GASKET, crankcase oil sump oil tube flange to sump | | |
| | G104-0100701 | | A175197 (CWR-200223) | A175197 | 1 GASKET, crankcase oil sump adapter to oil sump | | |
| | G104-0100684 | | A171122 (CWR-200303) | A171122 | 1 GASKET, fuel pump housing to accessory drive housing | | |
| | G104-0100684 | | A171122 (CWR-200303) | A171122 | 1 GASKET, three-way accessory drive housing to rear crankcase section | | |
| | G104-0100714 | | B154482 (CWR-200307) | B154482 | 1 GASKET, cranking motor drive cover | | |
| | G104-0100683 | | A165233 (CWR-200314) | A165233 | 1 GASKET, generator drive cover | | |
| | G104-0100690 | | A165238 (CWR-200323) | A165238 | 9 GASKET, intake pipe to cylinder | | |
| | G104-0100682 | | A165250 (CWR-200340) | A165250 | 1 GASKET, generator idler gear shaft | | |
| | G104-0700175 | | A165260 (CWR-200353) | A165260 | 1 GASKET, tachometer and three-way accessory drive gear shaft adapter cover | | |
| | G104-0700175 | | A165260 (CWR-200353) | A165260 | 1 GASKET, tachometer and three-way accessory drive cover | | |
| | G104-0100650 | | A165262 (CWR-200355) | A165262 | 1 GASKET, throttle box to carburetor elbow | | |
| | G104-0100713 | | A165271 (CWR-200372) | A165271 | 1 GASKET, tachometer drive shaft housing cover | | |
| | G104-0100681 | | A165276 (CWR-200379) | A165276 | 1 GASKET, generator drive gear support to rear crankcase section | | |
| | G104-0100671 | | A165285 (CWR-200389) | A165285 | 2 GASKET, rear crankcase section gun control drive cover | | |
| | G104-0100685 | | B154511 (CWR-200403) | B154511 | 1 GASKET, impeller drive shaft front ball bearing support | | |
| | G104-0100680 | | A165296 (CWR-200404) | A165296 | 9 GASKET, exhaust pipe flange | | |
| | G104-0100691 | | B154513 (CWR-200411) | B154513 | 2 GASKET, magneto to rear crankcase section | | |

| | | | | |
|---|---|---|---|---|
| G104-0100698 | A165360 (CWR-200519) | A165360 | 1 | GASKET, oil pressure pump body cover |
| G104-0100712 | A165367 (CWR-200528) | A165367 | 1 | GASKET, tachometer drive housing to rear crankcase section |
| G104-0100686 | A171139 (CWR-200633) | A171139 | 2 | GASKET, supercharger impeller drive shaft rear ball bearing cage |
| G104-0100711 | A171543 (CWR-200672) | A171543 | 1 | GASKET, L.H. vacuum pump flange cover |
| G104-0100711 | A171543 (CWR-200672) | A171543 | 1 | GASKET, three-way accessory drive L.H. fuel pump adapter cover |
| G104-0100700 | B167540 (CWR-200695) | B167540 | 18 | GASKET, rocker box cover |
| G104-1593740 | A165326 (CWR-200895) | A165326 | 1 | GASKET, three-way accessory drive L.H. vacuum pump adapter |
| G104-0100716 | A229724 (CWR-200907) | A229724 | 1 | GASKET, R.H. vacuum pump flange cover |
| G104-0100668 | A189340 (CWR-200940) | A189340 | 1 | GASKET, rear crankcase section oil line plug |
| G104-0100668 | A189340 (CWR-200940) | A189340 | 1 | GASKET, oil temperature gage adapter plug |
| G104-0100668 | A189340 (CWR-200940) | A189340 | 2 | GASKET, oil pressure relief valve cap and body |
| G104-0100692 | A190617 (CWR-201199) | A190617 | 1 | GASKET, oil pressure relief valve body |
| G104-0100653 | (CWR-201437) | | 1 | GASKET, carburetor elbow brace to throttle box |
| G104-0100653 | (CWR-201437) | | 1 | GASKET, carburetor elbow brace |
| G104-1593925 | A229725 (CWR-201445) | A229725 | 1 | GASKET, crankcase oil sump drain plug |
| G104-0302405 | A186952 (CWR-201450) | A186952 | 1 | GASKET, carburetor elbow to rear crankcase section |
| | 7006868 (CWR-202494) | | 1 | GASKET, fuel pump to adapter |
| G104-2688444 | (CWR-202194) | | 1 | GASKET, oil pressure pump to rear crankcase section |
| G104-0102250 | A165319 (CWR-200440) | A165319 | 2 | OIL SEAL, accessory drive shaft bushing |
| G104-0102252 | A229670 (CWR-201380) | A229670 | 1 | OIL SEAL, diffuser section |
| G104-0102251 | A246144 (CWR-201804) | A246144 | 1 | OIL SEAL, cranking motor drive shaft |
| G104-0102281 | A186950 (CWR-200577) | A186950 | 1 | OIL SEAL, oil sump connection to main crankcase section |
| G104-0102290 | A165394 (CWR-200581) | A165394 | 18 | OIL SEAL, valve tappet retaining adapter |
| G104-0101380 | A165257 (CWR-200347) | A165257 | 9 | PACKING, intake pipe |
| G104-5247534 | A247534 (CWR-202068) | A247534 | 1 | PAD, carburetor air scoop drain |
| G104-0101840 | B170148 (CWR-200398) | B170148 | 9 | RING, cylinder base packing |
| G104-0103274 | A190618 (CWR-200954) | A190618 | 18 | WASHER, spark plug shielded terminal elbow to plug |

*(Cont)*

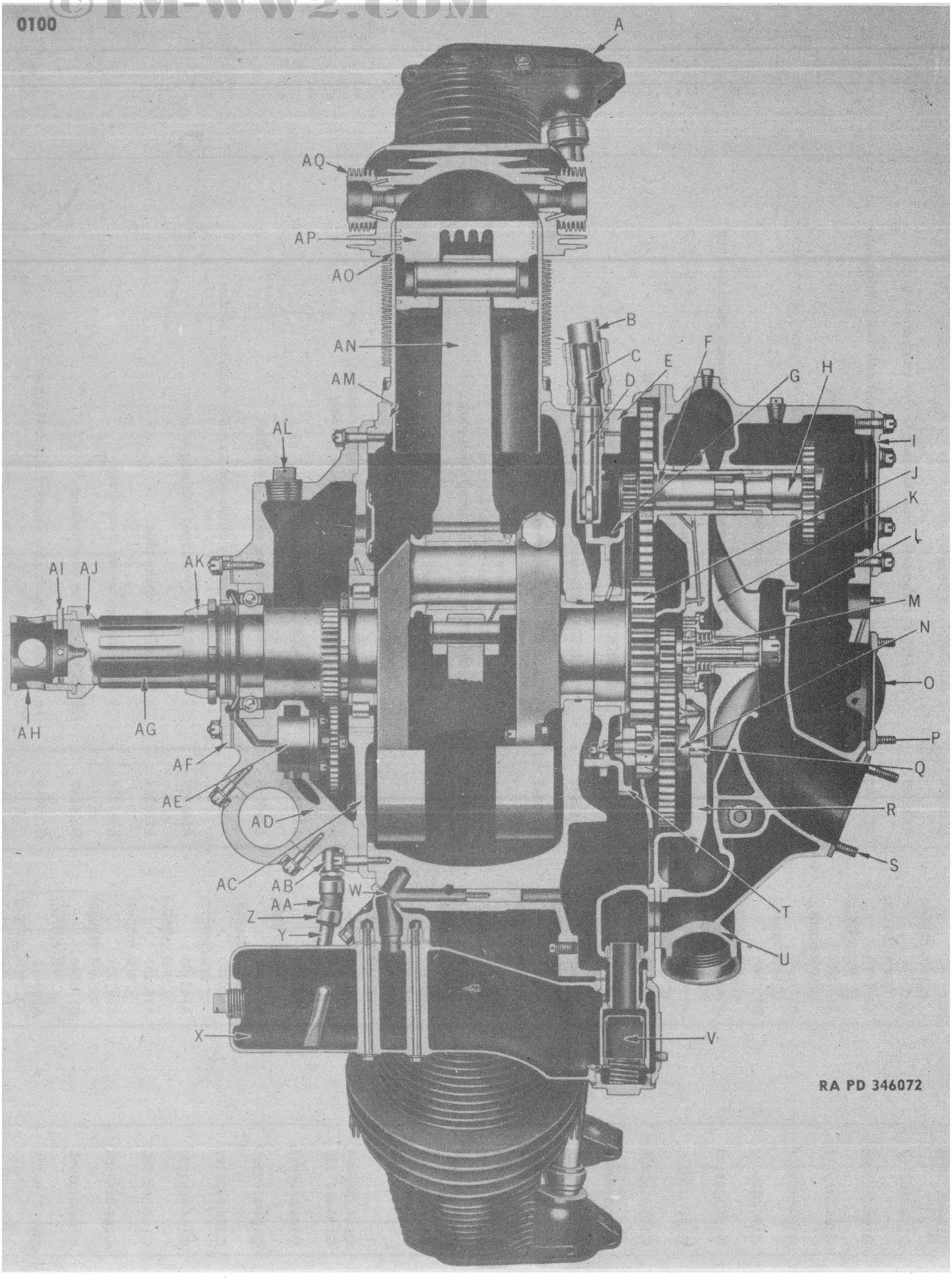



FIGURE 01-5 — ENGINE — CROSS SECTION (C-1)

# FIGURE 01-5 — ENGINE — CROSS SECTION (C-1)

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | COVER | CWR-202336 | 0105.2 |
| B | HOUSING | CWR-201860 | 0105.2 |
| C | ROD, ass'y | CWR-202145 | 0105.2 |
| D | TAPPET | CWR-200608 | 0105.2 |
| E | CRANKCASE SECTION, ass'y | CWR-202352 | 0101.2 |
| F | GEAR, ass'y | CWR-200475 | 0109.3 |
| G | CAM, ass'y | CWR-202347 | 0105.3 |
| H | SHAFT | CWR-200568 | 0109.3 |
| I | COVER | CWR-202374 | 0101.3 |
| J | GEAR, ass'y | CWR-200635 | 0102 |
| K | IMPELLER | CWR-200423 | 0109.1 |
| L | BUSHING | CWR-200385 | 0109.5 |
| M | GEAR, ass'y | CWR-201845 | 0109.1 |
| N | GEAR, ass'y | CWR-200473 | 0109.1 |
| O | COVER | CWR-200541 | 0106.11 |
| P | STUD | CWR-200259 | 0109.5 |
| Q | SHAFT | CWR-201499 | 0109.1 |
| R | DIFFUSER, ass'y | CWR-200783 | 0101.4 |
| S | STUD | CWR-200220 | 0301 |
| T | SUPPORT | CWR-200417 | 0109.1 |
| U | CRANKCASE SECTION, ass'y | CWR-202248 | 0101.3 |
| V | STRAINER, ass'y | CWR-200755 | 0106.6 |
| W | GASKET | CWR-200221 | 0106.6 |
| X | SUMP, ass'y | CWR-200804 | 0106.6 |
| Y | TUBE, ass'y | CWR-201853 | 0106.6 |
| Z | CLAMP | CWR-202206 | 0106.6 |
| AA | HOSE | CWR-200274 | 0106.6 |
| AB | NIPPLE | CWR-200235 | 0106.6 |
| AC | SUPPORT, ass'y | CWR-202091 | 0101.1 |
| AD | CRANKCASE SECTION, ass'y | CWR-202112 | 0101.1 |
| AE | PUMP, ass'y | CWR-200761 | 0106.15 |
| AF | COVER, ass'y | CWR-200740 | 0101.1 |
| AG | CRANK-SHAFT, ass'y | CWR-201316 | 0102 |
| AH | NUT | CWR-200422 | 0103 |
| AI | PIN | CWR-200237 | 0103 |
| AJ | CONE | CWR-200865 | 0103 |
| AK | CONE | CWR-200503 | 0103 |
| AL | PLUG | CWR-200849 | 0106.5 |
| AM | RING | CWR-200398 | 0101.5 |
| AN | ROD, ass'y | CWR-202274 | 0104 |
| AO | CYLINDER, ass'y | CWR-202036 | 0101.5 |
| AP | PISTON, ass'y | CWR-203334 | 0104 |
| AQ | COOLER, ass'y | CWR-200750-Y3 | 0101.5 |

RA PD 346072A

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont)* | | |
| | G104-0103460 | | A165126 (CWR-200180) | A165126 | 2 WASHER, tachometer drive shaft bushing) | | |
| | G104-5700230 | | 5700230 (CWR-S-202919) | | GASKET SET, 100 hour engine inspection (Consists of: | 1 | |
| | G163-7008768 | | 7008768 (AIR-AN900-18) | | 2 GASKET, strainer to sump | | |
| | G103-1593607 | | A296606 (AC-1411094) | A296606 | 1 GASKET, fuel pump mounting | | |
| | G104-0100691 | | B154513 (CWR-200411) | B154513 | 2 GASKET, magneto mounting | | |
| | G104-1593966 | | A196170 (BO-GA-5222) | A196170 | 2 GASKET, magneto breaker cover (Bosch only) | | |
| | G104-0100714 | | B154482 (CWR-200307) | B154482 | 1 GASKET, cranking motor drive cover to rear crankcase | | |
| | G104-2688444 | | (CWR-202194) | | 1 GASKET, oil pump mounting | | |
| | G104-0100653 | | (CWR-201437) | | 2 GASKET, carburetor elbow brace to carburetor and throttle box | | |
| | G104-0100711 | | A171543 (CWR-200672) | A171543 | 1 GASKET, oil pump to governor | | |
| | G163-7005766 | | 7005766 (AIR-AN900-20) | | 1 GASKET, oil thermometer adapter | | |
| H-17 | H017-0113897 | | (AIR-AN900-12) | | 1 GASKET, oil pump relief valve body | | |
| H-17 | H017-0105453 | | (AIR-AN900-10) | | 2 GASKET, oil pump relief valve lock nut and cap | | |
| | G163-7006832 | | 7006832 (CWR-201789) | | 6 GASKET, rocker box cover | | |
| | G104-0100684 | | A171122 (CWR-200303) | A171122 | 1 GASKET, fuel pump adapter to three-way accessory drive housing | | |
| | G104-0302405 | | A186952 (CWR-201450) | A186952 | 1 GASKET, carburetor elbow to crankcase | | |
| | G163-7006893 | | 7006893 (CWR-202721) | | 6 PACKING, inter-rocker box tube | | |
| | G163-7006903 | | 7006903 (CWR-202999) | | 6 WASHER, inter-rocker box tube packing) | | |
| | G103-0302425 | | A186297 (CWR-202539) | A186297 | MOUNTING, engine beam (rubber) | 2 | |
| | G104-0101585 | 01-8 | A165149 (CWR-200208) | A165149 | PLUG, engine lifting eye hole (5/8-18, hex-hd.) | 2 | |
| | G104-0307370 | 01-7 | B168538 (CWR-202533) | B168538 | TUBE, support, engine, front | 1 | |
| | | | | | **0101.1—FRONT CRANKCASE SECTION** | | |
| | G104-0100291 | 01-6,8,9 | B154577 (CWR-200606) | B154577 | CAP, front crankcase section engine support | 1 | |
| | G163-7005764 | 01-6 | 7005764 (AIR-AN-360-5) | | NUT, hex., S., 5/16-24NF-3 (C4 only) | 10 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| H-1 | H001-0721515 | 01-8 | C74378B (CWR-200843) | C74378 | NUT, front crankcase section engine support stud (acorn, alloy-S., cd-pltd., 5/16-24NF-2) . . . . (C1 only) | 10 |
| H-1 | H001-0726010 | | (AIR-356-524) | | NUT, lock, hex., S., cd-pltd., 5/16-24 . . . . (C4 only) | 10 |
| | 2220-200260 | 01-8 | A165200A (CWR-200260) | A165200 | STUD, front crankcase section engine support cap to crankcase (alloy-S., 5/16-18NC-2 (11/16) x 1⅝ x 5/16-24 NF-2 (9/16) (standard) . . . (C1 only) | 10 |
| | G104-0103010 | | A165200B (CWR-200260-H) | A165200 | STUD, front crankcase section engine support cap to crankcase (.003 oversize) . . . . (C1 only) | as req. |
| | G104-0103020 | | A165200C (CWR-200260-S) | A165200 | STUD, front crankcase section engine support cap to crankcase (.007 oversize) . . . . (C1 only) | as req. |
| | | | A165200D (CWR-200260-J) | A165200 | STUD, front crankcase section engine support cap to crankcase (.012 oversize) . . . . (C1 only) | as req. |
| | G163-7006770 | 01-6,9 | 7006770 (CWR-203323) | | STUD, front crankcase section engine support cap to crankcase (alloy-S., 5/16-18NC-2 (11/16) x 1⅝ x 5/16-24 NF-2 (9/16) (standard) . . . . (C4 only) | 10 |
| | 2220-203323H | | (CWR-203323-H) | | STUD, front crankcase section engine support cap to crankcase (.003 oversize) . . . . (C4 only) | as req. |
| | 2220-203323S | | (CWR-203323-S) | | STUD, front crankcase section engine support cap to crankcase (.007 oversize) . . . . (C4 only) | as req. |
| | | | (CWR-203323-J) | | STUD, front crankcase section engine support cap to crankcase (.012 oversize) . . . . (C4 only) | as req. |
| | | | (AIR-AN960-516) | | WASHER, plain, S., cd-pltd., 5/16 . . . . (C4 only) | 10 |
| | G104-0103280 | 01-8 | A165119 (CWR-200172) | A165119 | WASHER, plain, front crankcase section engine support stud (alloy-S., cd-pltd., ⅝) . . . . (C1 only) | 10 |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, front crankcase section engine support stud (chr-ni-S., .045 diam) . . . . (C1 only) | as req. |
| | G104-0100450 | 01-5,6,8,9 | B154596 (CWR-200740) | B154596 | COVER, front crankcase section, w/SLEEVE, assembly . . . . | 1 |
| | G163-7005767 | 01-6,9 | 7005767 (AIR-AN360-6) | | NUT, hex., S., ⅜-24NF-3 . . . . (C4 only) | 7 |
| H-1 | H001-0722015 | 01-8 | A165060 (CWR-200104) | A165060 | NUT, front crankcase section cover to crankcase stud (acorn, alloy-S., cd-pltd., ⅜-24NF-2) . . . . (C1 only) | 7 |
| H-1 | H001-0726015 | | (AIR-356-624) | | NUT, lock, hex., S., cd-pltd., ⅜-24 . . . . (C4 only) | 7 |
| | G104-0102420 | 01-8,9 | C66778 (CWR-200501) | C66778 | SHIM, front crankcase section cover to crankcase stud (br., laminated, 1/16 thk.) . . . . (C1 only) | 1 |
| | G163-7006765 | 01-6,9 | 7006765 (CWR-203328) | | STUD, front crankcase section cover to crankcase (S., ⅜-16NC-2 (.76) x 1.56 x ⅜-24NF-2 (.62) (standard) . . . . (C4 only) | 7 |
| | 2220-203328H | | (CWR-203328-H) | | STUD, front crankcase section cover to crankcase (.003 oversize) . . (C4 only) | as req. |
| | 2220-203328S | | (CWR-203328-S) | | STUD, front crankcase section cover to crankcase (.007 oversize) . . (C4 only) | as req. |
| | | | (CWR-203328-J) | | STUD, front crankcase section cover to crankcase (.012 oversize) . . (C4 only) | as req. |
| | | | A165206 (CWR-200265) | A165206 | STUD, front crankcase section cover to crankcase (alloy-S., ⅜-16NC (¾) x 1 9/16 x ⅜-24NF (⅝) (standard) . . . . (C1 only) | 7 |
| | G104-0103130 | | A165206B (CWR-200265-H) | A165206 | STUD, front crankcase section cover to crankcase (.003 oversize) . . (C1 only) | as req. |
| | G104-0103140 | | A165206C (CWR-200265-S) | A165206 | STUD, front crankcase section cover to crankcase (.007 oversize) . . (C1 only) | as req. |
| | | | (CWR-200265-J) | | STUD, front crankcase section cover to crankcase (.012 oversize) . . (C1 only) | as req. |
| | | 01-9 | (AIR-AN-960-616) | | WASHER, plain, S., cd-pltd., ⅜ . . . . (C4 only) | 7 |
| | G104-0103340 | 01-8 | A165118 (CWR-200170) | A165118 | WASHER, plain, front crankcase section cover to crankcase stud (alloy-S., cd-pltd., 25/64 x ¾ x 5/64) . . . . (C1 only) | 7 |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, front crankcase section cover to crankcase stud (chr-ni-S., .045 diam.) . . . . (C1 only) | as req. |

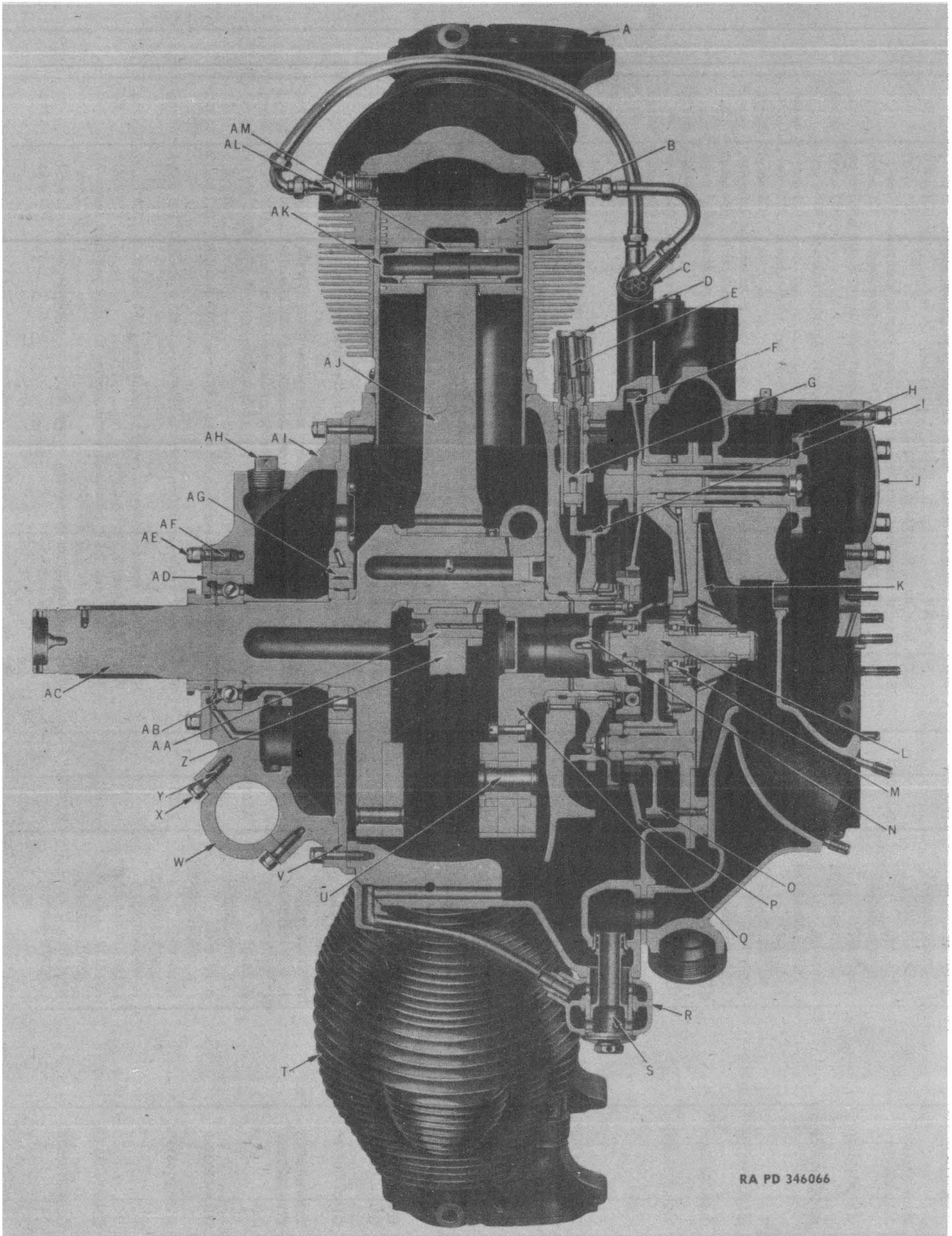



**FIGURE 01-6 — ENGINE CROSS SECTION (C-4)**

# FIGURE 01-6 — ENGINE CROSS SECTION (C-4)

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | COVER | CWR-203292 | 0105.2 |
| B | PISTON | CWR-203256 | 0104 |
| C | HARNESS, ass'y | CWR-203295 | 0605 |
| D | HOUSING | CWR-201860 | 0105.2 |
| E | ROD | CWR-202145 | 0105.2 |
| F | GEAR | CWR-200550 | 0109.3 |
| G | TAPPET | CWR-202066 | 0105.2 |
| H | SHAFT | CWR-200568 | 0109.3 |
| I | CAM | CWR-202347 | 0105.3 |
| J | COVER | CWR-202374 | 0101.3 |
| K | IMPELLER | CWR-201571 | 0109.1 |
| L | GEAR, ass'y | CWR-201734 | 0109.1 |
| M | BEARING | CWR-200244 | 0109.1 |
| N | SUPPORT | CWR-200554 | 0109.1 |
| O | GEAR | CWR-201732 | 0109.1 |
| P | SUPPORT | CWR-201785 | 0109.1 |
| Q | CRANKSHAFT | CWR-200506 | 0102 |
| R | ADAPTER | CWR-203480 | 0106.6 |
| S | FITTING, ass'y | CWR-203486 | 0106.6 |
| T | CYLINDER | CWR-202934 | 0101.5 |
| U | PIN | CWR-201155 | 0102 |
| V | SUPPORT, ass'y | CWR-200760 | 0101.1 |
| W | CAP | CWR-200606 | 0101.1 |
| X | NUT | AIR-AN-360-5 | 0101.1 |
| Y | STUD | CWR-203323 | 0101.1 |
| Z | ROD, ass'y | CWR-200747 | 0104 |
| AA | PIN, ass'y | CWR-203387 | 0104 |
| AB | BEARING | CWR-200142 | 0102 |
| AC | CRANKSHAFT | CWR-201795 | 0102 |
| AD | COVER, ass'y | CWR-200740 | 0101.1 |
| AE | NUT | AIR-AN-360-6 | 0101.1 |
| AF | STUD | CWR-203328 | 0101.1 |
| AG | BEARING | CWR-203257 | 0102 |
| AH | PLUG | AIR-AN-913-8 | 0106.5 |
| AI | CRANKCASE SECTION, ass'y | CWR-203245 | 0101.1 |
| AJ | ROD, ass'y | CWR-202904 | 0104 |
| AK | PLUG | CWR-203268 | 0104 |
| AL | PLUG | CWR-203559 | 0605 |
| AM | PIN | CWR-203269 | 0104 |

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| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0100483 | | B158133 (CWR-200763) | B158133 | CRANKCASE SECTION, front, assembly (Includes: CAP, NUT, PLUGS, STUDS and WASHERS) (superseded by CRANKCASE SECTION, CWR-202112) . . . . (C1 only) | 1 | |
| | G104-0100483 | 01-5,8 | B207326 (CWR-202112) | B207326 | CRANKCASE SECTION, front, assembly (Includes: CAP, NUT, PLUG, STUDS and WASHERS) (supersedes CRANKCASE SECTION, CWR-200763) . . . . (C1 only) | 1 | |
| | | | (CWR-203244) | | CRANKCASE SECTION, front, assembly (Includes: CAP, COVER assembly CWR-200740, CRANKCASE SECTION assembly CWR-203245, NUTS, PLUG, SHIM, STUDS and WASHERS) . . . . (C4 only) | 1 | |
| | G163-7006936 | 01-6,9 | 7006936 (CWR-203245) | | CRANKCASE SECTION, front, assembly (Includes: PIN and STUDS) . (C4 only) | 1 | |
| | 2220-200765 | | (CWR-200765) | | CRANKCASE SECTION, front, w/COVER, assembly (Includes: CAP, COVER assembly CWR-200740, CRANKCASE assembly CWR-200763, NUTS, PIN, PLUGS, SHIM, STUDS and WASHERS) (superseded by CRANKCASE SECTION, CWR-202111) . . . . (C1 only) | 1 | |
| | 2220-202111 | | (CWR-202111) | | CRANKCASE SECTION, front, w/COVER, assembly (Includes: CAP, COVER assembly CWR-200740, CRANKCASE assembly CWR-202112, NUTS, PIN, PLUGS, SHIM, STUDS and WASHERS) (supersedes CRANKCASE SECTION, CWR-200765) . . . . (C1 only) | 1 | |
| | G163-7005764 | 01-9 | 7005764 (AIR-AN360-5) | | NUT, hex., S., 5/16-24NF-3 . . . . (C4 only) | 28 | |
| H-1 | H001-0726010 | 01-9 | (AIR-356-524) | | NUT, lock, hex., S., cd-pltd., 5/16-24 . . . . (C4 only) | 28 | |
| | G104-0101360 | 01-8 | A165062 (CWR-200106) | A165062 | NUT, front section to main crankcase section stud (slotted, hex., 5/16-24NF) . . . . (C1 only) | 28 | |
| | G163-7006762 | | 7006762 (CWR-203325) | | STUD, front section to main crankcase section (alloy-S., 5/16-18NC-2 (11/16) x 1 13/16 x 5/16-24NF-2 (9/16) (standard) . . . . (C4 only) | 28 | |
| | 2220-203325H | | (CWR-203325-H) | | STUD, front section to main crankcase section (.003 oversize) . . . . (C4 only) | as req. | |
| | | | (CWR-203325-S) | | STUD, front section to main crankcase section (.007 oversize) . . . . (C4 only) | as req. | |
| | | | (CWR-203325-J) | | STUD, front section to main crankcase section (.012 oversize) . . . . (C4 only) | as req. | |
| | G104-0103060 | | A165202 (CWR-200262) | A165202 | STUD, front section to main crankcase section (alloy-S., dld. f/c-pin., 5/16-18NF (11/16) x 1 13/16 x 5/16-24NF (9/16) (standard) . . . . (C1 only) | 28 | |
| | G104-0103050 | | A165202B (CWR-200262-H) | A165202 | STUD, front section to main crankcase section (.003 oversize) . . . . (C1 only) | as req. | |
| | 2220-200262S | | A165202C (CWR-200262-S) | A165202 | STUD, front section to main crankcase section (.007 oversize) . . . . (C1 only) | as req. | |
| | 2220-200262J | | A165202D (CWR-200262-J) | A165202 | STUD, front section to main crankcase section (.012 oversize) . . . . (C1 only) | as req. | |
| | | 01-9 | (AIR-AN960-516) | | WASHER, plain, S., cd-pltd., 5/16 . . . . (C4 only) | 28 | |
| | G104-0103330 | 01-8 | A165109 (CWR-200156) | A165109 | WASHER, front section to main crankcase section stud (plain, 21/64 I.D. x 19/32 O.D. x 5/64 thk.) . . . . (C1 only) | 28 | |
| | G104-0100520 | | A247533 (CWR-200433) | A247533 | DEFLECTOR, oil, front main bearing support (superseded by DEFLECTOR, CWR-202051) . . . . (C1 only) | 1 | |
| | G104-0100520 | 01-8,9 | A247533 (CWR-202051) | A247533 | DEFLECTOR, oil, front main bearing support (supersedes DEFLECTOR, CWR-200433) . . . . | 1 | |

| | | | | | |
|---|---|---|---|---|---|
| G104-0102100 | 01-8 | A165147 (CWR-200204) | A165147 | SCREW, front main bearing support oil deflector (oval-fil-hd., S., No. 10-32NF-2 x 5/16) | 4 |
| G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, front main bearing support oil deflector screw (chr-ni-S., .045 diam.) | as req. |
| G104-0101136 | | A175199 (CWR-200235) | A175199 | NIPPLE, hose, front crankcase section to oil sump connection (br., ½ in., ⅜-18NPT, 2⅜) (C1 only) | 1 |
| G104-0101485 | | A165094 (CWR-200138) | A165094 | PIN, locating, front crankcase section cover (1), front main bearing support ring (1) (stght., S., 3/16 x ½) (superseded by PIN, CWR-200135) (C1 only) | 2 |
| G104-5165091 | 01-8,9 | A165091 (CWR-200135) | A165091 | PIN, locating, front crankcase section cover (1), front main bearing support ring (1) (stght., S., 3/16 x ½) (supersedes PIN, CWR-200138) | 2 |
| G104-6154501 | 01-8,9 | B154501 (CWR-200370) | B154501 | RING, front main bearing support | 1 |
| G104-0103171 | 01-6 | C95329 (CWR-200760) | C95329 | SUPPORT, front main bearing, assembly (Includes: PINS and RING) | 1 |
| G104-7006776 | 01-5,8,9 | 7006776 (CWR-202091) | | SUPPORT, front main bearing, assembly (Includes: DEFLECTOR, SCREWS, SUPPORT assembly CWR-200760 and WIRE) | 1 |
| G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, crankcase breather plug (chr-ni-S., .045 diam.) | as req. |
| | | | | **0101.2—MAIN CRANKCASE SECTION** | |
| G163-7006872 | | 7006872 (CWR-202498) | | BEARING, rear, crankshaft, main crankcase section (standard) (C4 only) | 1 |
| 2220-202498-Y10 | | (CWR-202498-Y-10) | | BEARING, rear, crankshaft, main crankcase section (standard O.D. x .008 undersize I.D.) (C4 only) | as req. |
| 2220-202498-Y12 | | (CWR-202498-Y-12) | | BEARING, rear, crankshaft, main crankcase section (.010 oversize O.D. x .008 undersize I.D.) (C4 only) | as req. |
| G163-7006820 | | 7006820 (CWR-201749) | | PIN, retaining, crankshaft rear bearing (C4 only) | 1 |
| G081-0117407 | | D38041 (CWR-200780) | D38041 | CRANKCASE SECTION, main, w/STUDS, assembly (Includes: BEARING, KEY, LOCKWIRE, PIPE, PLUGS and RIVET) (superseded by CRANKCASE SECTION, CWR-201927) (C1 only) | 1 |
| G104-0401717 | | D52773 (CWR-201927) | D52773 | CRANKCASE SECTION, main, w/STUDS, assembly (Includes: BEARING, KEY, LOCKWIRE, PIPE, PLUGS and RIVET) (superseded by CRANKCASE SECTION, CWR-202352) (C1 only) | 1 |
| G163-0383856 | 01-5,8 | (CWR-202352) | | CRANKCASE SECTION, main, w/STUDS, assembly (Includes: BEARING, KEY, LOCKWIRE, PIPE, PLUGS and RIVET) (supersedes CRANKCASE SECTION, CWR-201927) (C1 only) | 1 |
| G163-7008412 | 01-9 | 7008412 (CWR-203248) | | CRANKCASE SECTION, main, w/STUDS, assembly (Includes: BEARING, GUIDES, INSERTS, PIN, PIPE, PLUGS, SLEEVE and WIRE) (C4 only) | 1 |
| G163-7006981 | 01-9,11 | 7006981 (CWR-203242) | | INSERT, main crankcase section oil drain fitting screw (C4 only) | 2 |
| G104-1740453 | 01-8 | A165225 (CWR-201800) | A165225 | PLUG, pipe, main crankcase section oil line (⅛, hex-hd., brass) (C1 only) | 1 |
| 2220-203463 | 01-9 | (CWR-203463) | | SLEEVE, by-pass, main crankcase section oil sump (C4 only) | 1 |
| G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, main crankcase section oil line plug (chr-ni-S., .045 diam.) (C4 only) | as req. |
| | | | | **0101.3—REAR CRANKCASE SECTION** | |
| G128-9338815 | | B207325 (CWR-202093) | B207325 | COVER, rear crankcase section cranking motor drive (superseded by COVER, CWR-202374) (C1 only) | 1 |

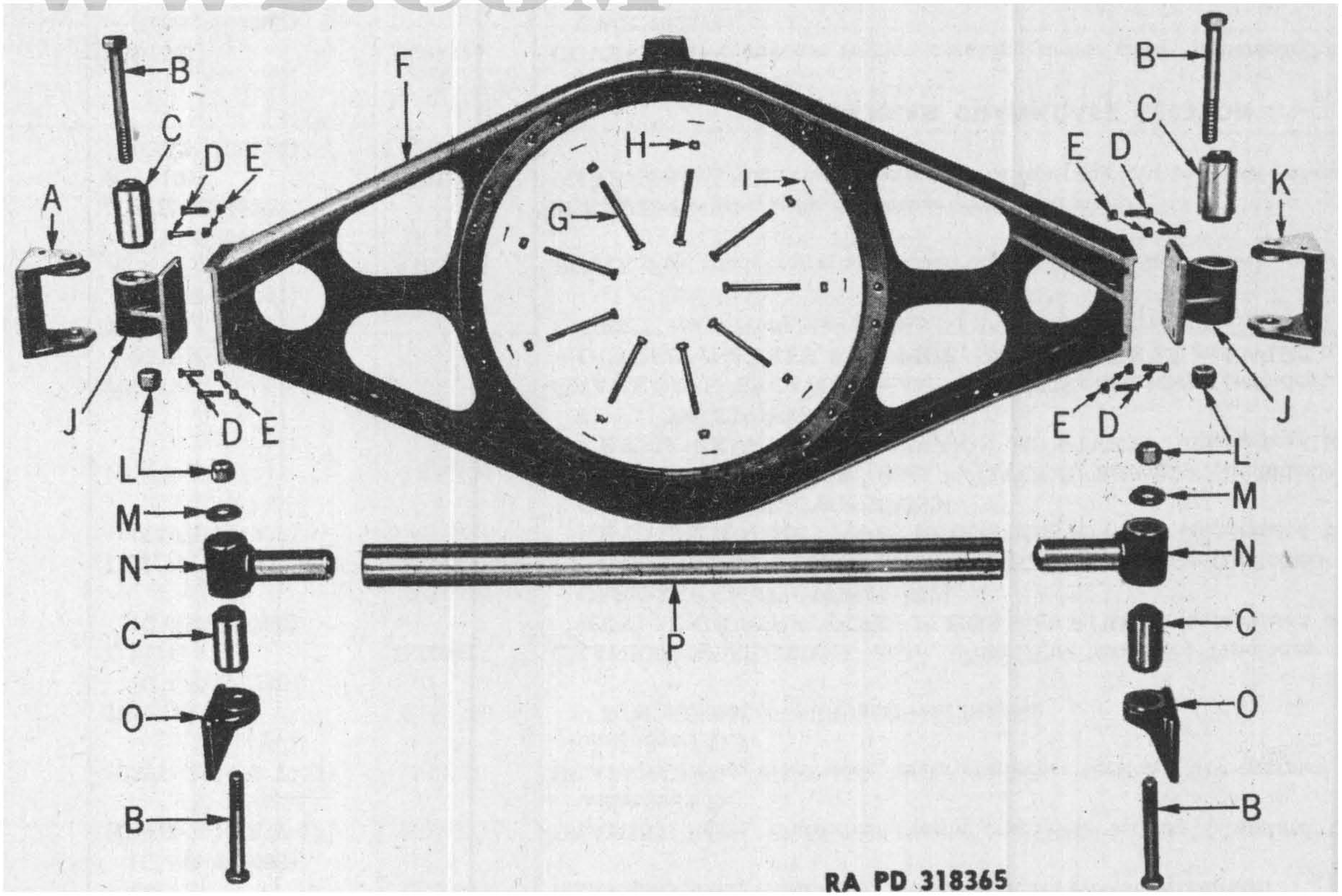
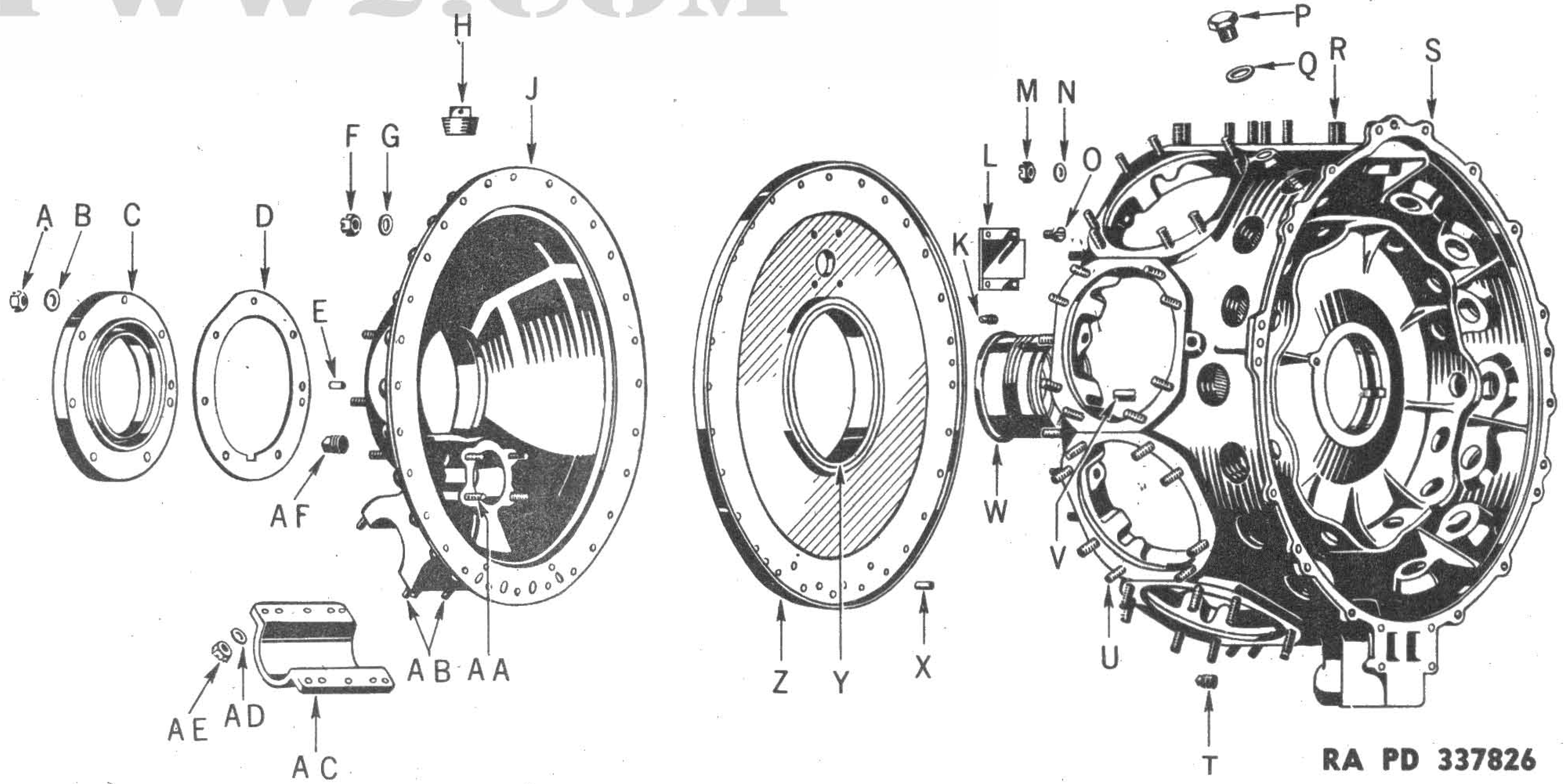



**FIGURE 01-7 — ENGINE MOUNTING PARTS**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BRACKET | B168535B | 0100 |
| B | BOLT | 224215 | 0100 |
| C | BUSHING (furnished only as part of BRACKET, CWR-203038) | | 0100 |
| D | BOLT | 223599 | 0100 |
| E | NUT | 503350 | 0100 |
| F | BEAM | CWR-203007 | 0100 |
| G | BOLT | CWR-203499 | 0100 |
| H | NUT | AIR-AN365-720 | 0100 |
| I | PIN | 103374 | 0100 |
| J | BRACKET | CWR-203038 | 0100 |
| K | BRACKET | B168535A | 0100 |
| L | NUT | 503362 | 0100 |
| M | WASHER | CWR-202538 | 0100 |
| N | BRACKET, ass'y | CWR-203037 | 0100 |
| O | BRACKET (furnished only as part of BRACKET, CWR-203037) | | 0100 |
| P | TUBE | CWR-202533 | 0100 |

RA PD 318365G






## FIGURE 01-8 — CRANKCASE SECTIONS, FRONT AND MAIN, AND MAIN BEARING SUPPORT — EXPLODED VIEW (C1)

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | NUT | CWR-200104 | 0101.1 |
| B | WASHER | CWR-200170 | 0101.1 |
| C | COVER, ass'y | CWR-200740 | 0101.1 |
| D | SHIM | CWR-200501 | 0101.1 |
| E | PIN | CWR-200135 | 0101.1 |
| F | NUT | CWR-200106 | 0101.1 |
| G | WASHER | CWR-200156 | 0101.1 |
| H | PLUG | CWR-200849 | 0106.5 |
| J | CRANKCASE SECTION, ass'y | CWR-202112 | 0101.1 |
| K | PLUG | CWR-201800 | 0101.2 |
| L | DEFLECTOR | CWR-202051 | 0101.1 |
| M | NUT | CWR-200106 | 0101.1 |
| N | WASHER | CWR-200156 | 0101.1 |
| O | SCREW | CWR-200204 | 0101.1 |
| P | PLUG | CWR-200208 | 0100 |
| Q | GASKET | CWR-201199 | 0100 |

| Key | Item | Part Number | Group |
|---|---|---|---|
| R | STUD | CWR-200292 | 0101.5 |
| S | CRANKCASE SECTION, ass'y | CWR-202352 | 0101.2 |
| T | PLUG | CWR-200846 | 0106.11 |
| U | STUD | CWR-200293 | 0101.5 |
| V | KEY | CWR-200117 | 0102 |
| W | BEARING | CWR-201481 | 0102 |
| X | PIN | CWR-200135 | 0101.1 |
| Y | RING | CWR-200370 | 0101.1 |
| Z | SUPPORT, ass'y | CWR-202091 | 0101.1 |
| AA | STUD | CWR-200248 | 0106.15 |
| AB | STUD | CWR-200260 | 0101.1 |
| AC | CAP | CWR-200606 | 0101.1 |
| AD | WASHER | CWR-200172 | 0101.1 |
| AE | NUT | CWR-200843 | 0101.1 |
| AF | PLUG | CWR-200283 | 0106.6 |

RA PD 337826E

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0400521 | 01-5,6,10,11 | (CWR-202374) | | COVER, rear crankcase section cranking motor drive (supersedes COVER, CWR-202093) | 1 | |
| | G163-7005767 | 01-11 | 7005767<br>(AIR-AN360-6) | | NUT, hex., S., 3/8-24NF-3 (C4 only) | 6 | |
| H-1 | H001-0722015 | 01-10 | A165060<br>(CWR-200104) | A165060 | NUT, slotted, chr-ni-S., cd-pltd., 3/8-24NF-3 (cranking motor drive cover stud) (C1 only) | 6 | |
| H-1 | H001-0726015 | 01-11 | A171114C<br>(AIR-356-624) | A171114 | NUT, locking, hex., S., cd-pltd., 3/8-24 (C4 only) | 6 | |
| H-1 | H001-0811039 | | 103373<br>(CWR-200825) | | PIN, cotter, split, S., 3/32 x 3/4 (BEAX1CE) (C1 only) | 6 | |
| H-1 | H001-0713022 | 01-11 | (CWR-203327) | | STUD, cranking motor drive cover (standard) (C4 only) | 6 | |
| | 2220-203327H | | (CWR-203327-H) | | STUD cranking motor drive cover (.003 oversize) (C4 only) | as req. | |
| | 2220-203327S | | (CWR-203327-S) | | STUD, cranking motor drive cover (.007 oversize) (C4 only) | as req. | |
| | | | (CWR-203327-J) | | STUD, cranking motor drive cover (.012 oversize) (C4 only) | as req. | |
| | 2220-200264 | 01-10 | A165205A<br>(CWR-200264) | A165205 | STUD, cranking motor drive cover (3/8-16NC (11/16) x 1 7/16 x 3/8-24NF (9/16) (standard) (C1 only) | 6 | |
| | G104-0103110 | | A165205B<br>(CWR-200264-H) | A165205 | STUD, cranking motor drive cover (.003 oversize) (C1 only) | as req. | |
| | G104-0103120 | | A165205C<br>(CWR-200264-S) | A165205 | STUD, cranking motor drive cover (.007 oversize) (C1 only) | as req. | |
| | | | A165205D<br>(CWR-200264-J) | A165205 | STUD, cranking motor drive cover (.012 oversize) (C1 only) | as req. | |
| | | 01-11 | (AIR-AN960-616) | | WASHER, plain, S., cd-pltd., 3/8 (C4 only) | 6 | |
| | G104-0103340 | 01-10 | A165118<br>(CWR-200170) | A165118 | WASHER, cranking motor drive cover stud (plain, alloy-S., cd-pltd., 3/4) (C1 only) | 6 | |
| | G104-2140138 | | B154506<br>(CWR-200381) | B154506 | COVER, rear crankcase section generator drive gear (superseded by COVER, CWR-202375) (C1 only) | 1 | |
| | G163-7001728 | | 7001728<br>(CWR-202375) | | COVER, rear crankcase section generator drive gear (supersedes COVER, CWR-200381) | 1 | |
| | G163-7005764 | | 7005764<br>(AIR-AN360-5) | | NUT, hex., S., 5/16-24NF-3 (C4 only) | 4 | |
| | G104-0101360 | | A165062<br>(CWR-200106) | A165062 | NUT, generator drive gear cover stud (slotted, hex., 5/16-24NF) (C1 only) | 4 | |
| H-1 | H001-0726010 | | (AIR-356-524) | | NUT, locking, hex., S., cd-pltd., 5/16-24NF (C4 only) | 4 | |
| | G163-7007000 | | 7007000<br>(CWR-203322) | | STUD, generator drive gear cover (standard) (C4 only) | 4 | |
| | 2220-203322H | | (CWR-203322-H) | | STUD, generator drive gear cover (.003 oversize) (C4 only) | as req. | |
| | 2220-203322S | | (CWR-203322-S) | | STUD, generator drive gear cover (.007 oversize) (C4 only) | as req. | |
| | | | (CWR-203322-J) | | STUD, generator drive gear cover (.012 oversize) (C4 only) | as req. | |
| | G118-0392403 | | A165197<br>(CWR-200259) | A165197 | STUD, generator drive gear cover (5/16-18NC (11/16) x 1 9/16 x 5/16-24NF (9/16) (C1 only) | 4 | |
| | G104-0102990 | | A165197B<br>(CWR-200259-H) | A165197 | STUD, generator drive gear cover (.003 oversize) (C1 only) | as req. | |

*(Cont.)*

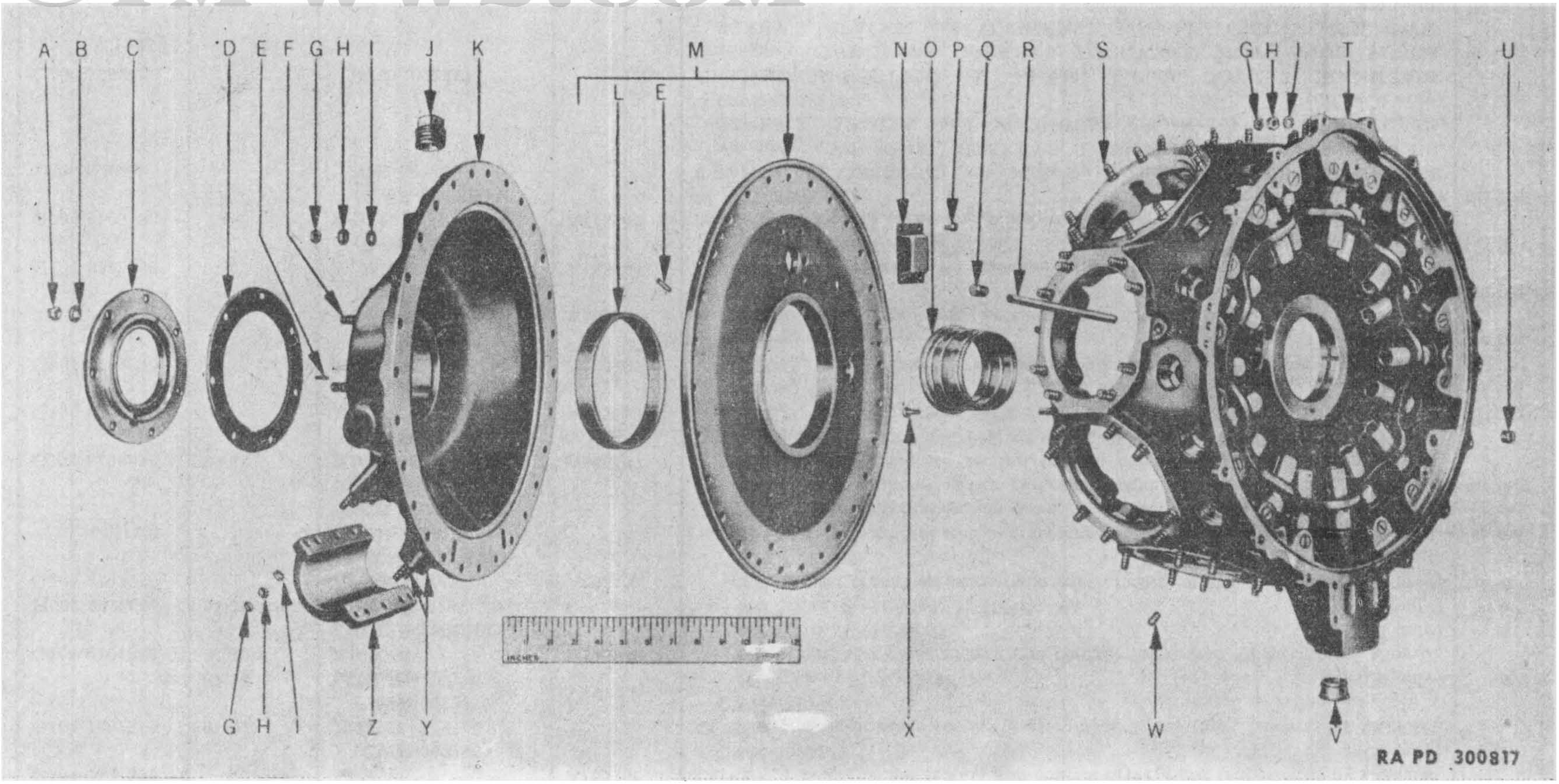


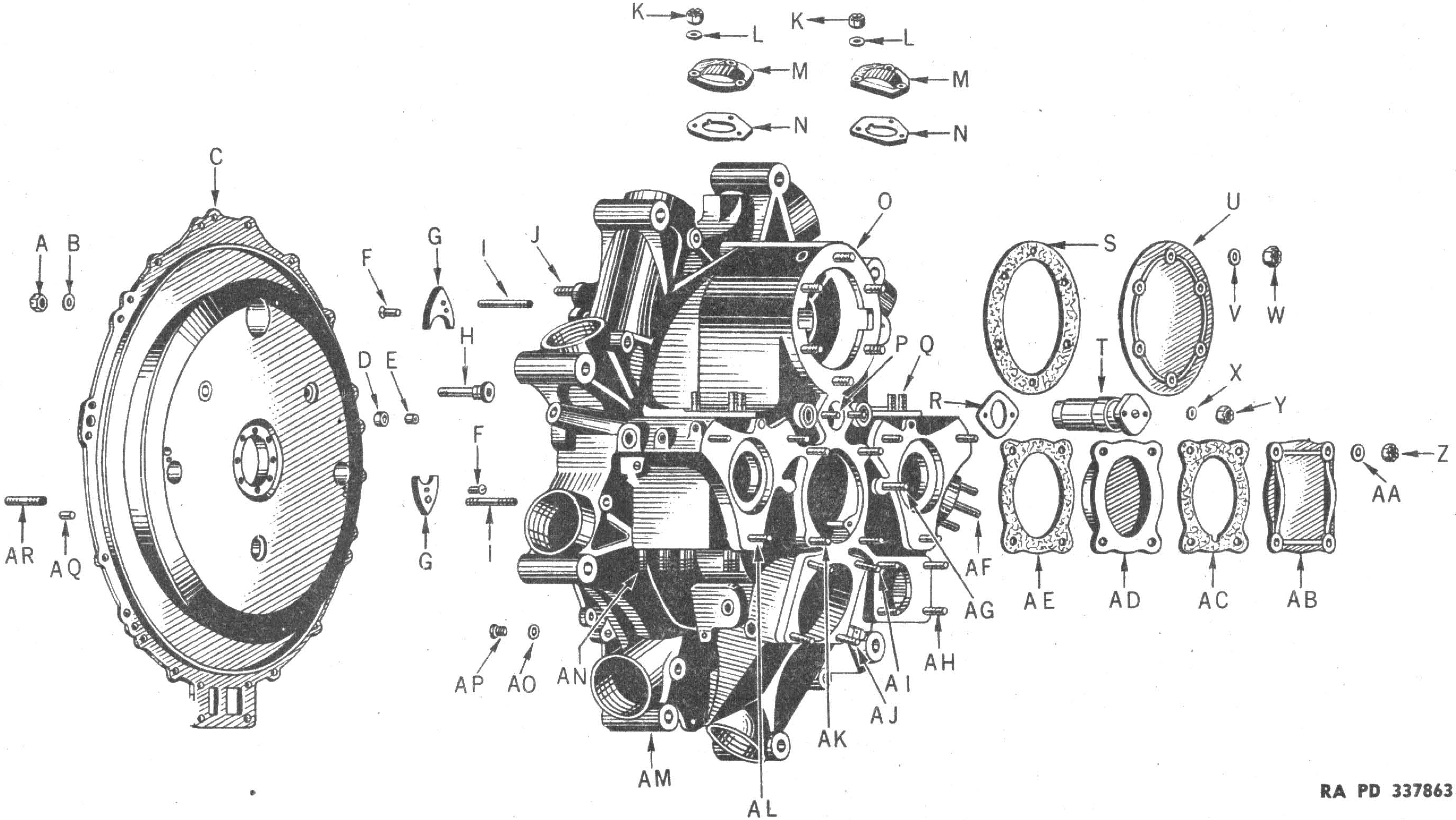

**FIGURE 01-9 — ENGINE CRANKCASE SECTIONS — FRONT AND MAIN — EXPLODED VIEW (C4)**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | NUT | AIR-AN360-6 | 0101.1 |
| B | WASHER | AIR-AN960-616 | 0101.1 |
| C | COVER, ass'y | CWR-200740 | 0101.1 |
| D | SHIM | CWR-200501 | 0101.1 |
| E | PIN | CWR-200135 | 0101.1 |
| F | STUD | CWR-203328 | 0101.1 |
| G | NUT | AIR-356-524 | 0101.1 |
| H | NUT | AIR-AN360-5 | 0101.1 |
| I | WASHER | AIR-AN960-516 | 0101.1 |
| | PLUG | AIR-AN913-8 | 0106.5 |
| K | CRANKCASE SECTION, ass'y | CWR-203245 | 0101.1 |
| L | RING | CWR-200370 | 0101.1 |
| M | SUPPORT, ass'y | CWR-202091 | 0101.1 |
| N | DEFLECTOR | CWR-202051 | 0101.1 |
| O | BEARING | CWR-203257 | 0102 |
| P | SCREW | CWR-200204 | 0101.1 |
| Q | PLUG | AIR-AN913-1 | 0106.6 |
| R | PIPE | CWR-203474 | 0106.6 |
| S | STUD | CWR-200293 | 0101.5 |
| T | CRANKCASE SECTION, ass'y | CWR-203248 | 0101.2 |
| U | PLUG | CWR-200862 | 0106.6 |
| V | SLEEVE | CWR-203463 | 0101.2 |
| W | INSERT | CWR-203242 | 0101.2 |
| X | PIN | CWR-201749 | 0101.2 |
| Y | STUD | CWR-203323 | 0101.1 |
| Z | CAP | CWR-200606 | 0101.1 |

RA PD 300817C

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| | G104-0103000 | | A165197C (CWR-200259-S) | A165197 | STUD, generator drive gear cover (.007 oversize) . . . . . . . . (C1 only) | as req. | |
| | G118-0392401 | | A165197D (CWR-200259-J) | A165197 | STUD. generator drive gear cover (.012 oversize) . . . . . . . . (C1 only) | as req. | |
| | | | (AIR-AN-960-516) | | WASHER, plain, S., cd-pltd., 3/8-24NF . . . . . . . . (C4 only) | 4 | |
| | G104-0103330 | | A165109 (CWR-200156) | A165109 | WASHER, generator drive gear cover stud (plain, 21/64 I.D. x 19/32 O.D. x 5/64 thk.) . . . . . . . . (C1 only) | 4 | |
| | G104-0200337 | | A165287 (CWR-200391) | A165287 | COVER, rear crankcase section gun control drive, left (superseded by COVER, CWR-202378) . . . . . . . . (C1 only) | 1 | |
| | G104-7002368 | 01-10,11 | 7002368 (CWR-202378) | | COVER, rear crankcase section gun control drive, left (supersedes COVER, CWR-200391) . . . . . . . . | 1 | |
| | G104-0200336 | | A165286 (CWR-200390) | A165286 | COVER, rear crankcase section gun control drive, right (superseded by COVER, CWR-202377) . . . . . . . . (C1 only) | 1 | |
| | G104-7002369 | 01-11 | 7002369 (CWR-202377) | | COVER, rear crankcase section gun control drive, right (supersedes COVER, CWR-200390) . . . . . . . . | 1 | |
| | | 01-11 | (AIR-AN-360-4) | | NUT, hex., S., 1/4-28NF-3 . . . . . . . . (C4 only) | 6 | |
| | G104-0101310 | 01-10 | A165058 (CWR-200101) | A165058 | NUT, rear crankcase section gun control cover stud (slotted, hex., alloy-S., cd-pltd., 1/4-28NF-2) . . . . . . . . (C1 only) | 6 | |
| H-1 | H001-0726005 | 01-11 | (AIR-356-428) | | NUT, hex., S., cd-pltd., 1/4-28NF . . . . . . . . (C4 only) | 6 | |
| | G104-0102789 | | A165155 (CWR-200212) | A165155 | STUD, rear crankcase section gun control cover stud (standard) . . . (C4 only) | 6 | |
| | 2220-200212H | | (CWR-200212-H) | | STUD, rear crankcase section gun control cover stud (.003 oversize) . (C4 only) | as req. | |
| | | | (CWR-200212-S) | | STUD, rear crankcase section gun control cover stud (.007 oversize) . (C4 only) | as req. | |
| | | | (CWR-200212-J) | | STUD, rear crankcase section gun control cover stud (.012 oversize) . (C4 only) | as req. | |
| | G104-0102814 | 01-10 | A165187A (CWR-200247) | A165187 | STUD, rear crankcase section to gun control drive cover (alloy-S., dld. f/lkg-wire., 1/4 x 20NC (1/2) x 1 1/8 x 1/4-28NC (15/32) (standard) . . (C1 only) | 6 | |
| | G104-0102830 | | A165187B (CWR-200247-H) | A165187 | STUD, rear crankcase section to gun control drive cover (.003 oversize) . . . . . . . . (C1 only) | as req. | |
| | G104-0102840 | | A165187C (CWR-200247-S) | A165187 | STUD, rear crankcase section to gun control drive cover (.007 oversize) . . . . . . . . (C1 only) | as req. | |
| | 2220-200247J | | A165187D (CWR-200247-J) | A165187 | STUD, rear crankcase section gun control drive cover (.012 oversize) . . . . . . . . (C1 only) | as req. | |
| | G104-0103300 | 01-10 | A165104 (CWR-200151) | A165104 | WASHER, plain, rear crankcase section gun control cover stud (alloy-S., cd-pltd., 17/64 x 1/2 x 1/32) . . . . . . . . (C1 only) | 6 | |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, rear crankcase section gun control cover stud (chr-ni-S., .045 diam.) . . . . . . . . (C1 only) | as req. | |
| | 2220-201486 | | (CWR-201486) | | CRANKCASE SECTION, rear, assembly (Includes: COVERS, CRANKCASE assembly CWR-201487, GASKETS, LOCKWIRE, NUT, PINS, PLUGS, SCREWS, SPACER and WASHERS) (superseded by CRANKCASE, CWR-202381) . . . . . . . . (C1 only) | 1 | |
| | G104-3068660 | | (CWR-202381) | | CRANKCASE SECTION, rear, assembly (Includes: COVERS, CRANKCASE assembly CWR-202248, GASKETS, LOCKWIRE, NUTS, PINS, PLUGS, SCREWS, SPACER and WASHERS) (supersedes CRANKCASE, CWR-201486) . . . . . . . . (C1 only) | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0100485 | | (CWR-201314) | | CRANKCASE SECTION, rear, w/STUDS, assembly (Includes: BUSHINGS, PINS, SCREWS, SPACER and TUBE) (superseded by CRANKCASE, CWR-201487) ........ (C1 only) | 1 |
| | G104-1541451 | | (CWR-201487) | | CRANKCASE SECTION, rear, w/STUDS, assembly (Includes: BUSHINGS, PINS, SCREW, SPACER and TUBE) (superseded by CRANKCASE, CWR-202248) ........ (C1 only) | 1 |
| | G163-0142050 | 01-5,10 | (CWR-202248) | | CRANKCASE SECTION, rear, w/STUDS, assembly (Includes: BUSHINGS, PINS, SCREW, SPACER and TUBE) (supersedes CRANKCASE, CWR-201487) ........ (C1 only) | 1 |
| | G163-7006826 | | 7006826 (CWR-201780) | | CRANKCASE SECTION, rear, assembly (Includes: CRANKCASE assembly CWR-201781, COVERS, GASKETS, NUTS and WASHER) ........ (C4 only) | 1 |
| | G163-7006827 | 01-11 | 7006827 (CWR-201781) | | CRANKCASE SECTION, rear, w/STUDS, assembly (Includes: BUSHINGS, INSERT, PINS, PLUGS, STUDS and WIRE) ........ (C4 only) | 1 |
| H-1 | H001-0726010 | | (AIR-356-524) | | NUT, lock, hex., S., cd-pltd., 5/16-24 ........ (C4 only) | 20 |
| | G104-0101340 | | A165059 (CWR-200103) | A165059 | NUT, rear section to main crankcase section stud (slotted, hex., 5/16-24) ........ (C1 only) | 20 |
| | G163-7005764 | | 7005764 (AIR-AN360-5) | | NUT, hex., S., 5/16-24NF-3 ........ (C4 only) | 20 |
| | G163-7006761 | 01-11 | 7006761 (CWR-203324) | | STUD, rear section to main crankcase section (standard) ........ (C4 only) | 20 |
| | 2220-203324H | | (CWR-203324-H) | | STUD, rear section to main crankcase section (.003 oversize) ........ (C4 only) | as req. |
| | 2220-203324S | | (CWR-203324-S) | | STUD, rear section to main crankcase section (.007 oversize) ........ (C4 only) | as req. |
| | | | (CWR-203324-J) | | STUD, rear section to main crankcase section (.012 oversize) ........ (C4 only) | as req. |
| | | 01-10 | A165201 (CWR-200261) | A165201 | STUD, rear section to main crankcase section (alloy-S., dld. f/lkg-wire., 5/16-18NC (11/16) x 1 11/16 x 5/16-24NF (9/16) (standard) ........ (C1 only) | 20 |
| | G104-0103030 | | A165201B (CWR-200261-H) | A165201 | STUD, rear section to main crankcase section (.003 oversize) ........ (C1 only) | as req. |
| | G104-0103040 | | A165201C (CWR-200261-S) | A165201 | STUD, rear section to main crankcase section (.007 oversize) ........ (C1 only) | as req. |
| | 2220-200261J | | A165201D (CWR-200261-J) | A165201 | STUD, rear section to main crankcase section (.012 oversize) ........ (C1 only) | as req. |
| | | | (AIR-AN960-516) | | WASHER, plain, S., cd-pltd., 5/16 ........ (C4 only) | 20 |
| | G104-0103330 | | A165109 (CWR-200156) | A165109 | WASHER, plain, rear section to main crankcase section stud (21/64 I.D. x 19/32 O.D. x 5/64 thk.) ........ (C1 only) | 20 |
| | G104-0100714 | 01-10,11 | B154482 (CWR-200307) | B154482 | GASKET, rear crankcase section cranking motor drive cover (also part of GASKET SETS, CWR-S-201468, CWR-S-203497 and CWR-S-202919) ........ | 1 |
| | G104-0100681 | | A165276 (CWR-200379) | A165276 | GASKET, rear crankcase section generator drive gear cover (also part of GASKET SETS, CWR-S-203497 and CWR-S-201468) ........ (C4 only) | 1 |
| | G104-0100683 | | A165233 (CWR-200314) | A165233 | GASKET, rear crankcase section generator drive gear cover (also part of GASKET SETS, CWR-S-201468 and CWR-S-203497) ........ (C1 only) | 1 |
| | G104-0100671 | 01-10,11 | A165285 (CWR-200389) | A165285 | GASKET, rear crankcase section gun control drive cover (vellumoid, 1/64 thk.) (also part of GASKET SETS, CWR-S-201468 and CWR-S-203497) ........ | 2 |
| | G104-0100668 | | A189340 (CWR-200940) | A189340 | GASKET, rear crankcase section oil line plug (also part of GASKET SET, CWR-S-201468) ........ (C1 only) | 1 |
| | G104-0100662 | 01-10 | A171100 (CWR-200146) | A171100 | GASKET, rear crankcase section puller hole screw ........ (C1 only) | 3 |
| | G104-0102140 | | A165215 (CWR-200278) | A165215 | SCREW, rear crankcase section puller hole ........ (C1 only) | 3 |


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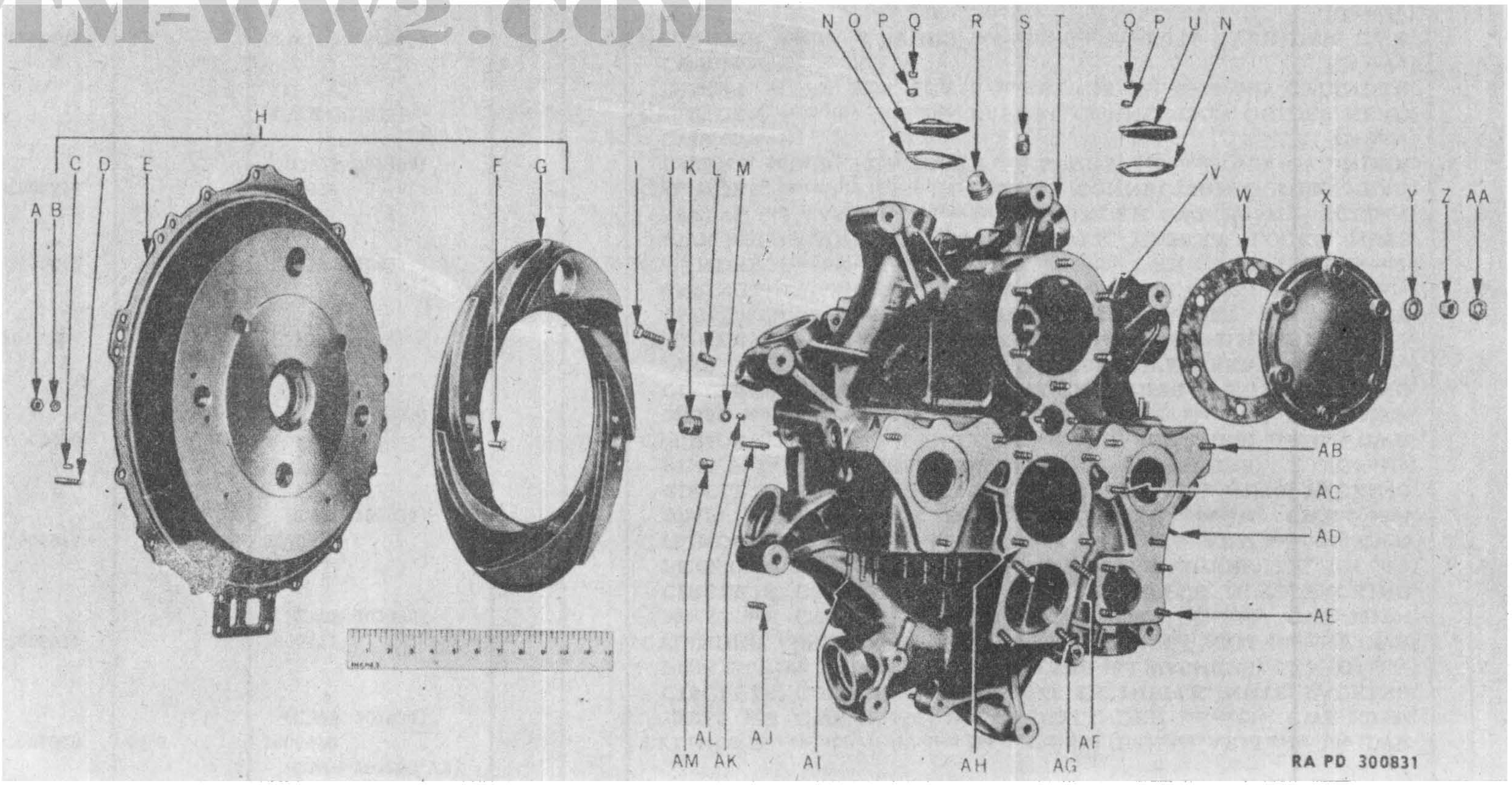
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| Key | Item | Part Number | Group |
|---|---|---|---|
| A | NUT | CWR-200101 | 0101.4 |
| B | WASHER | CWR-200152 | 0101.4 |
| C | DIFFUSER, ass'y | CWR-200783 | 0101.4 |
| D | OIL SEAL | CWR-201380 | 0106.6 |
| E | TUBE | CWR-200426 | 0106.6 |
| F | SCREW | CWR-200188 | 0101.4 |
| G | SPACER | CWR-200442 | 0101.4 |
| H | STUD | CWR-200429 | 0109.2 |
| I | STUD | CWR-200251 | 0101.4 |
| J | STUD | CWR-200261 | 0101.3 |
| K | NUT | CWR-200101 | 0101.3 |
| L | WASHER | CWR-200151 | 0101.3 |
| M | COVER | CWR-202378 | 0101.3 |
| N | GASKET | CWR-200389 | 0101.3 |
| O | STUD | CWR-200264 | 0101.3 |
| P | STUD | CWR-200246 | 0109.5 |
| Q | STUD | CWR-200247 | 0101.3 |
| R | GASKET | CWR-200340 | 0109.5 |
| S | GASKET | CWR-200307 | 0101.3 |
| T | SHAFT | CWR-201441 | 0109.5 |
| U | COVER | CWR-202374 | 0101.3 |
| V | WASHER | CWR-200170 | 0101.3 |
| W | NUT | CWR-200104 | 0101.3 |
| X | WASHER | CWR-200152 | 0109.5 |
| Y | NUT | CWR-200101 | 0109.5 |
| Z | NUT | CWR-200106 | 0109.5 |
| AA | WASHER | CWR-200156 | 0109.5 |
| AB | COVER | CWR-202375 | 0109.5 |
| AC | GASKET | CWR-200379 | 0109.5 |
| AD | SUPPORT | CWR-201452 | 0109.5 |
| AE | GASKET | CWR-200379 | 0109.5 |
| AF | STUD | CWR-200250 | 2208.2 |
| AG | STUD | CWR-203326 | 0109.2 |
| AH | STUD | CWR-200258 | 0109.2 |
| AI | STUD | CWR-200219 | 0301 |
| AJ | STUD | CWR-200220 | 0301 |
| AK | STUD | CWR-200259 | 0109.5 |
| AL | STUD | CWR-200257 | 0604.11 |
| AM | CRANKCASE SECTION, ass'y | CWR-202248 | 0101.1 |
| AN | STUD | CWR-202252 | 0106.11 |
| AO | GASKET | CWR-200146 | 0101.3 |
| AP | SCREW | CWR-200278 | 0101.3 |
| AQ | PIN | CWR-200166 | 0109.1 |
| AR | STUD | CWR-200258 | 0109.1 |

RA PD 337863E

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | **0101.4—DIFFUSER SECTION** | | |
| | G163-7006821 | | 7006821 (CWR-201774) | | DIFFUSER, crankcase, assembly (Includes: BUSHINGS, PINS and STUDS) ... (C4 only) | 1 | |
| | G104-1549400 | | A175146 (CWR-200738) | A175146 | DIFFUSER, crankcase, assembly (Includes: DIFFUSER assembly CWR-200783, PLUG and SCREW) ... (C1 only) | 1 | |
| | | 01-11 | (CWR-201773) | | DIFFUSER, crankcase, assembly (Includes: DIFFUSER assembly CWR-201774, PLUG and SCREWS) ... (C4 only) | 1 | |
| | G163-7006823 | 01-11 | 7006823 (CWR-201777) | | DIFFUSER, crankcase, assembly (Includes: DIFFUSER assembly CWR-201773, RING and SCREWS) ... (C4 only) | 1 | |
| | G104-0100530 | 01-5,10 | B167548 (CWR-200783) | B167548 | DIFFUSER, crankcase, w/STUDS, assembly (Includes: BUSHINGS, PINS and STUDS) ... (C1 only) | 1 | |
| H-1 | H001-0721510 | 01-11 | (AIR-AN-355-4) | | NUT, slotted, hex., S., 1/4-28 ... (C4 only) | 2 | |
| | A054-0338945 | | (AIR-AN-380-2-2) | | PIN, cotter, split, S., 1/16 x 1/2 ... (C4 only) | 2 | |
| | G163-7006807 | 01-11 | 7006807 (CWR-201605) | | STUD, diffuser to rear crankcase section (alloy-S., drilled, 1/4-28NF-3 (.50) x 2.56 x 1/4-20NC (.56) (special) (standard) ... (C4 only) | 2 | |
| | G163-7005796 | | 7005796 (CWR-201605-H) | | STUD, diffuser to rear crankcase section (.003 oversize) ... (C4 only) | as req. | |
| | G163-7005774 | | 7005774 (CWR-201605-S) | | STUD, diffuser to rear crankcase section (.007 oversize) ... (C4 only) | as req. | |
| | | | (CWR-201605-J) | | STUD, diffuser to rear crankcase section (.012 oversize) ... (C4 only) | as req. | |
| | G104-0103310 | 01-11 | A165106 (AIR-AN960-416) | A165106 | WASHER, plain, S., cd-pltd., 1/4 ... (C4 only) | 2 | |
| | G163-7006824 | 01-11 | 7006824 (CWR-201778) | | RING, diffuser, crankcase ... (C4 only) | 1 | |
| | | 01-11 | (AIR-AN-505-416-16) | | SCREW, diffuser ring to crankcase diffuser section ... (C4 only) | 2 | |
| | G104-0102580 | | A165265 (CWR-200360) | A165265 | SPACER, crankcase diffuser, large (3/16 thk.) ... (C1 only) | 1 | |
| | G104-0102590 | 01-10 | A165321 (CWR-200442) | A165321 | SPACER, crankcase diffuser, small (3/16 thk.) ... (C1 only) | 2 | |
| | G104-0101310 | 01-10 | A165058 (CWR-200101) | A165058 | NUT, crankcase diffuser spacer stud (acorn, alloy-S., cd-pltd., 1/4-28NF-2) ... (C1 only) | 3 | |
| H-1 | H001-0811025 | | BFAX1BE-1 (CWR-200818) | BFAX1 | PIN, cotter, split, S., cd-pltd., 1/16 x 3/4 ... (C1 only) | 3 | |
| | G104-0102130 | 01-10 | A165131 (CWR-200188) | A165131 | SCREW, crankcase diffuser large and small spacer (fl-hd., No. 6 (.138) -32NC-2 x 7/16) ... (C1 only) | 3 | |
| | G104-0102812 | | A175200A (CWR-200252) | A175200 | STUD, diffuser spacer to rear crankcase section, long (alloy-S., dld. f/lkg-wire., 1/4-20NC (3/4) x 2 41/64 x 1/4-28NF (11/16) (standard) ... (C1 only) | 1 | |
| | G104-0102910 | | A175200B (CWR-200252-H) | A175200 | STUD, diffuser spacer to rear crankcase section, long (.003 oversize) . (C1 only) | as req. | |
| | G104-0102920 | | A175200C (CWR-200252-S) | A175200 | STUD, diffuser spacer to rear crankcase section, long (.007 oversize) . (C1 only) | as req. | |
| | 2220-200252J | | A175200D (CWR-200252-J) | A175200 | STUD, diffuser spacer to rear crankcase section, long (.012 oversize) . (C1 only) | as req. | |

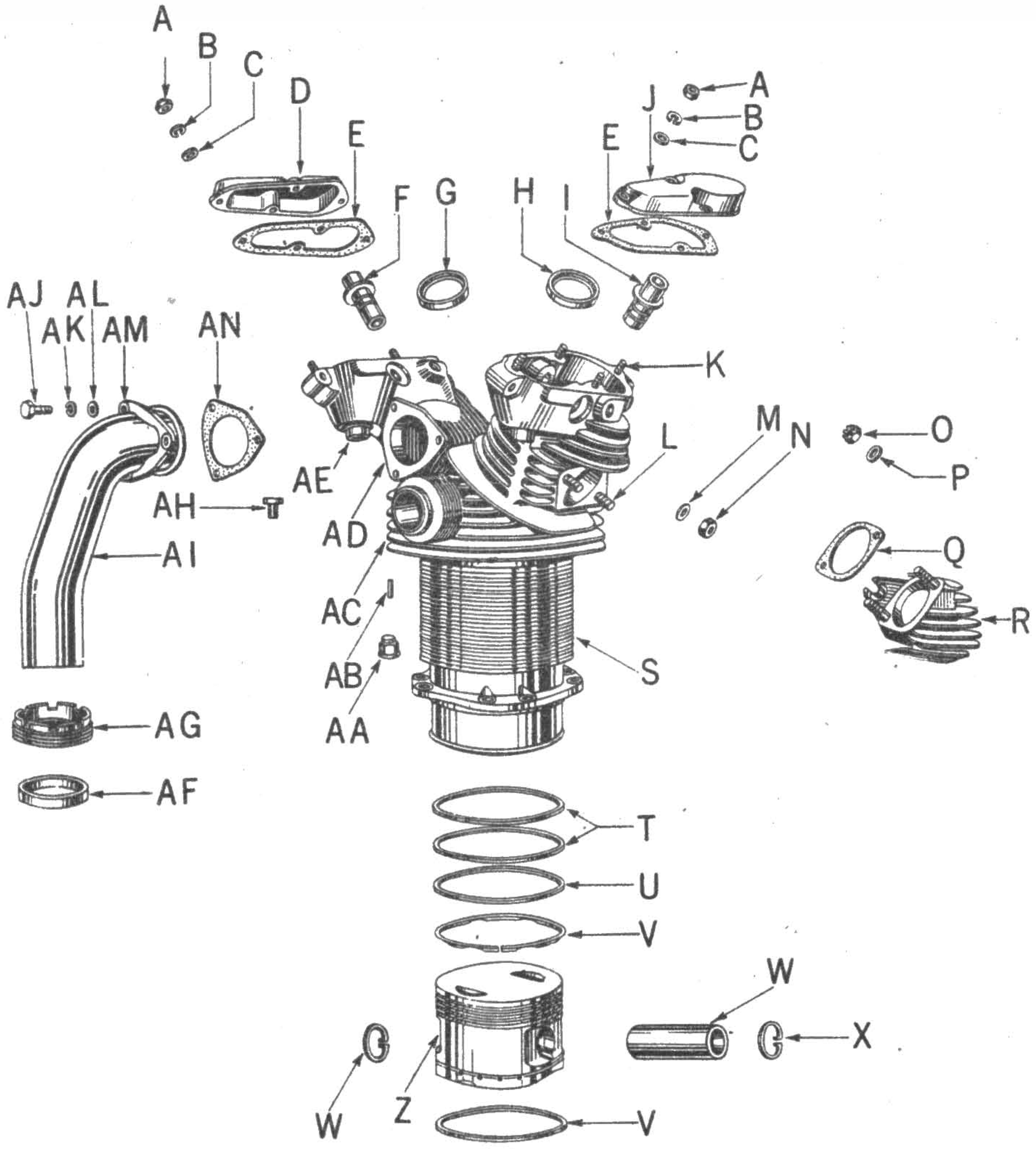
| | | | | | |
|---|---|---|---|---|---|
| G104-0102813 | 01-10 | A165190A (CWR-200251) | A165190 | STUD, diffuser spacer to rear crankcase section, short (alloy-S., dld. f/lkg-wire., ¼-20NC (9/16) x 2 5/16 x ¼-28NF (½) (standard) . . . . . (C1 only) | 2 |
| G104-0102890 | | A165190B (CWR-200251-H) | A165190 | STUD, diffuser spacer to rear crankcase section, short (.003 oversize) . (C1 only) | as req. |
| G104-0102809 | | A165190C (CWR-200251-S) | A165190 | STUD, diffuser spacer to rear crankcase section, short (.007 oversize) . (C1 only) | as req. |
| 2220-200251J | | A165190D (CWR-200251-J) | A165190 | STUD, diffuser spacer to rear crankcase section, short (.012 oversize) . (C1 only) | as req. |
| G104-0103300 | | A165104 (CWR-200151) | A165104 | WASHER, plain, crankcase diffuser spacer long stud (17/64 I.D. x ½ O.D. x 1/32 thk.) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . (C1 only) | 1 |
| G104-0103310 | 01-10 | A165105 (CWR-200152) | A165105 | WASHER, plain, crankcase diffuser spacer short stud (alloy-S., cd-pltd., 17/64 x ½ x 1/16) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . (C1 only) | 2 |
| | | | | **0101.5—CYLINDER** | |
| 2220-200320 | 01-12 | B154483 (CWR-200320) | B154483 | CONNECTION, flange, intake pipe to cylinder head . . . . . . . . . . . . . . . . (C1 only) | 9 |
| G104-0101935 | 01-12 | A165141 (CWR-200199) | A165141 | RIVET, intake pipe connection to cylinder head (b-hd., ⅛ x ½) . . . (C1 only) | 9 |
| G104-0100441 | 01-5,12 | A171165 (CWR-200750-Y3) | A171165 | COOLER, spark plug, cylinder head . . . . . . . . . . . . . . . . . . . . . . . . . . (C1 only) | 18 |
| G163-7006970 | 01-6 | 7006970 (CWR-202934) | | CYLINDER, assembly (cylinders No. 1, 2 and 9) (Includes: ARM assembly CWR-202152 and CWR-202154, BOLTS, CYLINDER assembly CWR-202394, CIRCLETS, COVERS, GASKETS, LOCKS, NIPPLE, NUTS, PACKING, PINS, PLUGS, SPRINGS, TUBE, VALVES and WASHERS) . . . . . (C4 only) | 3 |
| G163-7006971 | | 7006971 (CWR-202935) | | CYLINDER, assembly (cylinders No. 3 and 6) (Includes: ARM assembly CWR-202152 and CWR-202154, BOLTS, CYLINDER assembly CWR-202394, CIRCLETS, COVERS, GASKETS, LOCKS, NIPPLE, NUTS, PACKING, PINS, PLUGS, SPRINGS, TUBE, VALVES and WASHERS) . . . . . (C4 only) | 2 |
| G163-7006972 | | 7006972 (CWR-202936) | | CYLINDER, assembly (cylinders No. 4 and 7) (Includes: ARM assembly CWR-202152 and CWR-202154, BOLTS, CYLINDER assembly CWR-202394, CIRCLETS, COVERS, GASKETS, LOCKS, NIPPLE, NUTS, PACKING, PINS, PLUGS, SPRINGS, TUBE, VALVES and WASHERS) . . . . . (C4 only) | 2 |
| G163-7006900 | | 7006900 (CWR-202939) | | CYLINDER, assembly (cylinders No. 5 and 8) (Includes: ARM assembly CWR-202152 and CWR-202154, BOLTS, CYLINDER assembly CWR-202394, CIRCLETS, COVERS, GASKETS, LOCKS, NIPPLE, NUTS, PACKING, PINS, PLUGS, SPRINGS, TUBE, VALVES and WASHERS) . . . . . (C4 only) | 2 |
| 2220-201872 | | (CWR-201872) | | CYLINDER, assembly (Includes: ARM assembly CWR-202152, ARM assembly CWR-202154, BOLTS, CIRCLETS, COVER, GASKET, LOCK, NUTS, SPRING and WASHER) (superseded by CYLINDER, CWR-202045). (C1 only) | 9 |
| G104-2556042 | | (CWR-202045) | | CYLINDER, assembly (Includes: ARM assembly CWR-202152, ARM assembly CWR-202154, BOLT, CIRCLETS, COVER, GASKET, LOCKS, NUTS, SPRING and WASHER) (supersedes CYLINDER, CWR-201872) . . . (C1 only) | 9 |
| G163-7006858 | | 7006858 (CWR-202394) | | CYLINDER, assembly (Includes: BARREL, CONNECTION, GUIDES, HEAD, INSERT, MUFF, PIN, SEATS and STUDS) (optional with CYLINDER, CWR-203695) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . (C4 only) | 9 |
| | | (CWR-203695) | | CYLINDER, assembly (Includes: BARREL, CONNECTION, GUIDES, HEAD, INSERT, MUFF, PIN, SEATS and STUDS) (optional with CYLINDER, CWR-202394) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . (C4 only) | 9 |
| G104-1792400 | | (CWR-201873) | | CYLINDER, engine, w/STUDS, assembly (superseded by CYLINDER, CWR-202351) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . (C1 only) | 1 |




## FIGURE 01-11 — ENGINE CRANKCASE SECTION — REAR (C4)

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | NUT | AIR-AN355-4 | 0101.4 |
| B | WASHER | AIR-AN960-416 | 0101.4 |
| C | PIN | CWR-200166 | 0109.4 |
| D | STUD | CWR-200258 | 0109.4 |
| E | DIFFUSER | CWR-201773 | 0101.3 |
| F | SCREW | AIR-AN505-416-16 | 0101.4 |
| G | RING | CWR-201778 | 0101.4 |
| H | DIFFUSER, ass'y | CWR-201777 | 0101.4 |
| I | SCREW | CWR-203297 | 0605 |
| J | WASHER | AIR-AN935-516 | 0605 |
| K | PLUG | AIR-AN913-4 | 0106.6 |
| L | INSERT | CWR-203242 | 0101.2 |
| M | OIL SEAL | CWR-201380 | 0106.6 |
| N | GASKET | CWR-200389 | 0101.3 |
| O | COVER | CWR-202378 | 0101.3 |
| P | NUT | AIR-AN360-4 | 0101.3 |
| Q | NUT | AIR-356-428 | 0101.3 |
| R | PLUG | AIR-AN913-6 | 0106.5 |
| S | PLUG | AIR-AN913-3 | 0106.5 |
| T | CRANKCASE SECTION, ass'y | CWR-201781 | 0101.3 |
| U | COVER | CWR-202377 | 0101.3 |
| V | STUD | CWR-203327 | 0101.3 |
| W | GASKET | CWR-200307 | [illegible] |
| X | COVER | CWR-202374 | 0101.3 |
| Y | WASHER | AIR-AN960-616 | 0101.3 |
| Z | NUT | AIR-AN360-6 | 0101.3 |
| AA | NUT | AIR-356-624 | 0101.3 |
| AB | STUD | CWR-200257 | 0604.11 |
| AC | STUD | CWR-203326 | 0109.2 |
| AD | STUD | CWR-203318 | 2208.2 |
| AE | STUD | CWR-203321 | 0109.2 |
| AF | STUD | CWR-203331 | 0301 |
| AG | STUD | CWR-203330 | 0301 |
| AH | STUD | CWR-203322 | 0109.5 |
| AI | STUD | CWR-203317 | 0106.11 |
| AJ | STUD | CWR-203324 | 0101.3 |
| AK | STUD | CWR-201605 | 0101.4 |
| AL | TUBE | CWR-200426 | 0106.6 |
| AM | PLUG | AIR-AN913-1 | 0106.6 |

RA PD 300831C



RA PD 337819

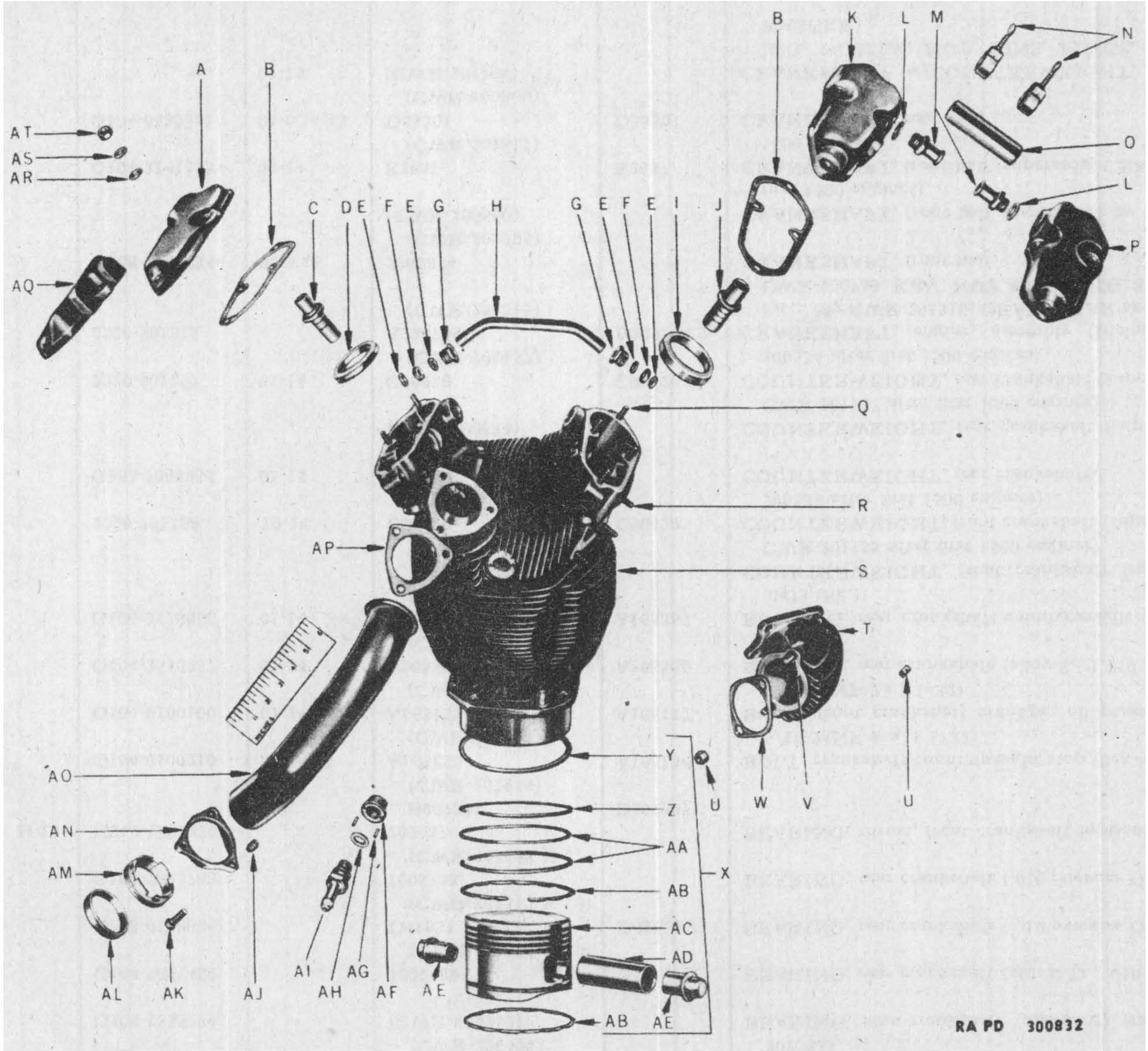
| Key | Item | Part Number | Group |
|---|---|---|---|
| A | NUT | 218563 | 0105.2 |
| B | WASHER | 113114 | 0105.2 |
| C | WASHER | CWR-200151 | 0105.2 |
| D | COVER | CWR-202336 | 0105.2 |
| E | GASKET | CWR-200695 | 0105.2 |
| F | GUIDE | CWR-200234 | 0105.1 |
| G | SEAT | CWR-200321 | 0105.1 |
| H | SEAT | CWR-200527 | 0105.1 |
| I | GUIDE | CWR-200322 | 0105.1 |
| J | COVER | CWR-202336 | 0105.2 |
| K | STUD | CWR-200211 | 0105.2 |
| L | STUD | CWR-200264 | 0108 |
| M | WASHER | CWR-200158 | 0108 |
| N | NUT | CWR-200107 | 0108 |
| O | NUT | CWR-200306 | 0108 |
| P | SPACER | CWR-201415 | 0108 |
| Q | GASKET | CWR-200404 | 0108 |
| R | ELBOW, ass'y | CWR-201900 | 0108 |
| S | CYLINDER, ass'y | CWR-202036 | 0101.5 |
| T | RING | CWR-201406 | 0104 |
| U | RING | CWR-203332 | 0104 |
| V | RING | CWR-201898 | 0104 |
| W | PIN | CWR-200424 | 0104 |
| X | RETAINER | CWR-200448 | 0104 |
| Y | RING | CWR-200398 | 0101.5 |
| Z | PISTON | CWR-203334 | 0104 |
| AA | NUT | CWR-200218 | 0101.5 |
| AB | PIN | CWR-200125 | 0101.5 |
| AC | COOLER | CWR-200750-Y3 | 0101.5 |
| AD | CONNECTION | CWR-200320 | 0101.5 |
| AE | CONNECTION | CWR-200576 | 0101.5 |
| AF | PACKING | CWR-200347 | 0108 |
| AG | NUT | CWR-200346 | 0108 |
| AH | RIVET | CWR-200199 | 0101.5 |
| AI | PIPE, ass'y | CWR-201857 | 0108 |
| AJ | SCREW | CWR-200185 | 0108 |
| AK | WASHER | 103320 | 0108 |
| AL | WASHER | CWR-200156 | 0108 |
| AM | FLANGE | CWR-201973 | 0108 |
| AN | GASKET | CWR-200323 | 0108 |

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**FIGURE 01-12 — CYLINDER ASSEMBLY (CWR-202036) w/HEAD AND INTAKE PIPE — EXPLODED VIEW (C1)**

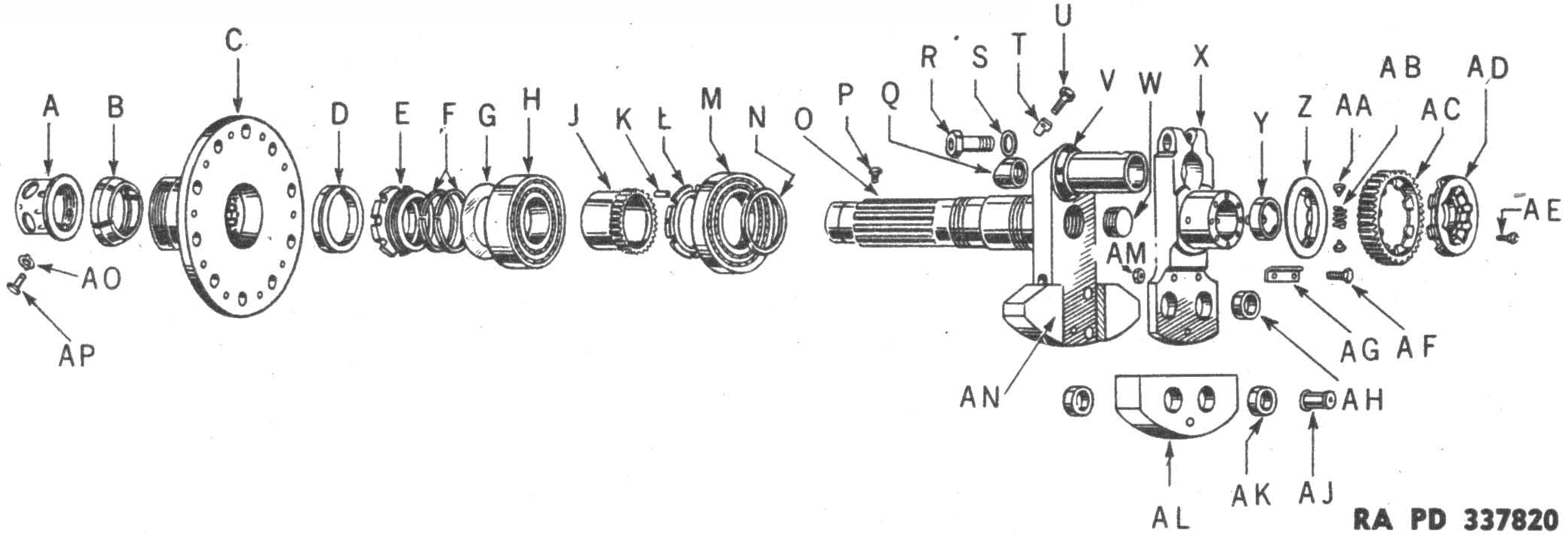
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-2145854 | | (CWR-202351) | | CYLINDER, engine, w/STUDS, assembly (superseded by CYLINDER, CWR-202036) .......... (C1 only) | 1 | |
| | G104-1545697 | 01-5,12 | E6348 (CWR-202036) | E6348 | CYLINDER, engine, w/STUDS, assembly (Includes: BARREL, CONNECTIONS, COOLER, GUIDES, HEAD, PIN, RIVET and SEAT) (supersedes CYLINDER, CWR-202351) .......... (C1 only) | 1 | |
| | G104-0101170 | 01-12 | A186627 (CWR-200218) | A186627 | NUT, cylinder hold down stud (special, chr-ni-S., cd-pltd., ⅜-24NF-2) .......... | 72 | |
| | | 01-9 | B170291 (CWR-200293) | B170291 | STUD, cylinder to main crankcase section, long (standard) (necked, alloy-S., 7/16-12 taper T (⅞) x 2 9/16 x ⅜-24NF (½) .......... | 18 | |
| H-1 | H101-0175204 | 01-8 | B170291B (CWR-200293-H) | B170291 | STUD, cylinder to main crankcase section, long (.003 oversize) .......... | as req. | |
| | 2220-200293S | | B170291C (CWR-200293-S) | B170291 | STUD, cylinder to main crankcase section, long (.007 oversize) .......... | as req. | |
| | 2220-200293J | | B170291D (CWR-200293-J) | B170291 | STUD, cylinder to main crankcase section, long (.012 oversize) .......... | as req. | |
| | 2220-200292 | | B170290A (CWR-200292) | B170290 | STUD, cylinder to main crankcase section, short (standard) .......... | 54 | |
| | G104-0103150 | 01-8 | B170290B (CWR-200292-H) | B170290 | STUD, cylinder to main crankcase section, short (.003 oversize) .......... | as req. | |
| | 2220-200292S | | B170290C (CWR-200292-S) | B170290 | STUD, cylinder to main crankcase section, short (.007 oversize) .......... | as req. | |
| | 2220-200292J | | B170290D (CWR-200292-J) | B170290 | STUD, cylinder to main crankcase section, short (.012 oversize) .......... | as req. | |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, cylinder hold down stud nut (chr-ni-S., .045 diam.) (C4 only) | as req. | |
| | G104-0101461 | 01-12 | A165080 (CWR-200125) | A165080 | PIN, spark plug cooler (stght., ⅛ x ½) .......... (C1 only) | 36 | |
| | G104-0101840 | 01-5,12,13 | B170148 (CWR-200398) | B170148 | RING, packing, cylinder base (also part of GASKET SETS, CWR-S-201468 and CWR-S-203497) .......... | 9 | |
| | | | | | **0102—CRANKSHAFT** | | |
| H-12 | H012-1300070 | 01-6,14,15 | 700543 (CWR-200142) (MRC-214-M) | | BEARING, ball, No. 214 (type A, annular, single row, light series, 2.7559 bore, 4.9213 O.D., .9449 width) (front crankshaft thrust) (CAAX1AW) (optional with BEARING, CWR-202059) .......... | 1 | |
| | G163-7006943 | 01-6,9,15 | 7006943 (CWR-203257) | | BEARING, main, crankshaft, front, w/SPACER, assembly .......... (C4 only) | 1 | |
| H-12 | H012-0703001 | 01-8,14 | 703001 B207172 (CWR-201481) | B207172 | BEARING, roller (annular, 3.1496 bore, 5.5118 O.D., .8268 width) (main crankshaft, front) (optional with BEARING, CWR-200229 and BEARING, CWR-200972) .......... (C1 only) | 1 | |
| H-12 | H012-0707731 | | 707731 B159075 (CWR-200229) (MRC-R-216-F-1) | B159075 | BEARING, roller (annular, 3.1496 bore, 5.5118 O.D., .8268 width) (main crankshaft, front) (optional with BEARING, CWR-201481 and BEARING, CWR-200972) .......... (C1 only) | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| H-12 | H012-0707731 | | 707731 B153150 (CWR-200972) (SKF-I7047-CC) | B153150 | BEARING, roller (annular, 3.1496 bore, 5.5118 O.D., .8268 width) (main crankshaft, front) (optional with BEARING, CWR-201481 and BEARING, CWR-200229) . . . . . (C1 only) | 1 |
| | G104-0300151 | | C66755A (CWR-200406) | C66755 | BEARING, rear crankshaft (standard) (superseded by BEARING, CWR-202353) . . . . . (C1 only) | 1 |
| | G104-1518174 | | (CWR-202353) | | BEARING, rear crankshaft (standard) (supersedes BEARING, CWR-200406) . . . . . (C1 only) | 1 |
| | G104-7001489 | | 7001489 (CWR-202353-Y-10) | | BEARING, rear crankshaft (std. O.D., .010 undersize I.D.) . . . . . (C1 only) | as req. |
| | G163-0118026 | | D41631 (CWR-202353-Y-12) | D41631 | BEARING, rear crankshaft (.010 oversize O.D., .010 undersize I.D.) . . . (C1 only) | as req. |
| | G163-7005788 | | 7005788 (CWR-202498-Y-2) | | BEARING, rear crankshaft (.010 oversize O.D., std. I.D.) . . . . . | as req. |
| H-12 | H012-1303070 | | 700087 B207307 (CWR-202059) | B207307 | BEARING, thrust, front crankshaft (optional with BEARING, CWR-200142) . . . | 1 |
| | G104-0100210 | 01-14,15 | A165136 (CWR-200194) | A165136 | BOLT, crankshaft counterweight stop (hex-hd., alloy-S., cd-pltd., dld. f/lkg-wire., 5/16-24NF-2 x 1 1/32) . . . . . | 2 |
| | G104-0100190 | 01-14 | A165127 (CWR-200184) | A165127 | BOLT, front crankshaft crankpin oil passage plug (hex-hd., alloy-S., cd-pltd., 5/16-24NF-2 x 1 1/32) . . . . . (C1 only) | 1 |
| | G104-2556037 | 01-14 | A165356 (CWR-200510) | A165356 | BUSHING, rear crankshaft (alloy-S., 1.119 I.D. x 1.6582 O.D. x .686 thk.) . . . . . | 2 |
| | G104-2128055 | 01-14 | A165357 (CWR-200511) | A165357 | BUSHING, rear crankshaft counterweight (alloy-S., 1.119 I.D. x 1.6587 O.D. x .0473 thk.) . . . . . | 4 |
| | | | (CWR-200533) | | COUNTERWEIGHT, front crankshaft (superseded by COUNTERWEIGHT, CWR-201158 after first 1500 engines) . . . . . (C1 only) | 1 |
| | 2220-201158 | 10-14 | C90429 (CWR-201158) | C90429 | COUNTERWEIGHT, front crankshaft (supersedes COUNTERWEIGHT, CWR-200533 after first 1500 engines) . . . . . (C1 only) | 1 |
| | G163-7006835 | 01-15 | 7006835 (CWR-201797) | | COUNTERWEIGHT, rear crankshaft . . . . . (C4 only) | 1 |
| | | | (CWR-200534) | | COUNTERWEIGHT, rear crankshaft (superseded by COUNTERWEIGHT, CWR-201157 after first 1500 engines) . . . . . (C1 only) | 1 |
| | 2220-201157 | 01-14 | C90428 (CWR-201157) | C90428 | COUNTERWEIGHT, rear crankshaft (supersedes COUNTERWEIGHT, CWR-200534 after first 1500 engines) . . . . . (C1 only) | 1 |
| | 2220-201315 | | A229748 (CWR-201315) | A229748 | CRANKSHAFT, engine, assembly (Includes: BEARINGS, CRANKSHAFT assembly CWR-201316, GEAR, GEAR assembly CWR-200754, HUB assembly CWR-200753, KEY, NUT, PIN, PLUG, SCREW and SPACER) . . . . (C1 only) | 1 |
| | G163-7006834 | 01-6,15 | 7006834 (CWR-201795) | | CRANKSHAFT, front half . . . . . (C4 only) | 1 |
| | | | (CWR-200660) | | CRANKSHAFT, front half (superseded by CRANKSHAFT, CWR-201317 after first 1500 engines) . . . . . (C1 only) | 1 |
| | G104-2141423 | 01-14 | E2657 (CWR-201317) | E2657 | CRANKSHAFT, front half (supersedes CRANKSHAFT, CWR-200660 after first 1500 engines) . . . . . (C1 only) | 1 |
| | G104-6533301 | 01-6,14,15 | D33301 (CWR-200506) | D33301 | CRANKSHAFT, rear half . . . . . | 1 |
| | | 01-15 | (CWR-201794) | | CRANKSHAFT, w/COUNTERWEIGHT, assembly (Includes: BOLT, BUSHING, NOZZLE, NUT, PINS, PLUGS, RIVETS, SCREW, SPACER and WASHER) . . . . . (C4 only) | 1 |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | COVER | CWR-203291 | 0105.2 |
| B | GASKET | CWR-201789 | 0105.2 |
| C | GUIDE | CWR-202175 | 0105.1 |
| D | SEAT | CWR-200321 | 0105.1 |
| E | WASHER | CWR-202999 | 0106.6 |
| F | PACKING | CWR-202721 | 0106.6 |
| G | NUT | CWR-202991 | 0106.6 |
| H | TUBE | CWR-201736 | 0106.6 |
| I | SEAT | CWR-200527 | 0105.1 |
| J | GUIDE | CWR-202176 | 0105.1 |
| K | COVER | CWR-203294 | 0105.2 |
| L | GASKET | AIR-AN900-9 | 0106.6 |
| M | NIPPLE | CWR-203205 | 0106.6 |
| N | CLAMP | CWR-202206 | 0106.6 |
| O | HOSE | CWR-201779 | 0106.6 |
| P | COVER | CWR-203293 | 0105.2 |
| Q | STUD | CWR-200211 | 0105.2 |
| R | STUD | CWR-200256 | 0108 |
| S | CYLINDER, ass'y | CWR-202394 | 0101.4 |
| T | ELBOW, ass'y | CWR-201735 | 0108 |
| U | NUT | CWR-203686 | 0108 |
| V | STUD | CWR-201737 | 0108 |
| W | GASKET | CWR-200404 | 0108 |
| X | PISTON, ass'y | CWR-203240 | 0104 |
| Y | RING | CWR-200398 | 0101.5 |
| Z | RING | CWR-203332 | 0104 |
| AA | RING | CWR-201406 | 0104 |
| AB | RING | CWR-201898 | 0104 |
| AC | PISTON | CWR-203256 | 0104 |
| AD | PIN | CWR-203269 | 0104 |
| AE | PLUG | CWR-203268 | 0104 |
| AF | INSERT | 7006805 | 0605 |
| AG | PIN | 7006812 | 0605 |
| AH | GASKET | AIR-AN4027-1 | 0605 |
| AI | PLUG | CWR-203559 | 0605 |
| AJ | INSERT | CWR-203242 | 0108 |
| AK | SCREW | CWR-203287 | 0108 |
| AL | PACKING | CWR-200347 | 0108 |
| AM | NUT | CWR-200346 | 0108 |
| AN | FLANGE | CWR-201973 | 0108 |
| AO | PIPE | CWR-201856 | 0108 |
| AP | GASKET | CWR-200323 | 0108 |
| AQ | COVER | CWR-203292 | 0105.2 |
| AR | WASHER | AIR-AN960-416 | 0105.2 |
| AS | WASHER | 113114 | 0105.2 |
| AT | NUT | 218563 | 0105.2 |

RA PD 300832C




RA PD 337820

# FIGURE 01-14 — CRANKSHAFT w/COUNTER WEIGHT ASSEMBLY (CWR-201316) AND ASSOCIATED PARTS — EXPLODED VIEW (C1)

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | NUT | CWR-200422 | 0103 |
| B | CONE | CWR-200865 | 0103 |
| C | HUB | CWR-200618 | 0103 |
| D | CONE | CWR-200503 | 0103 |
| E | NUT | CWR-200605 | 0102 |
| F | RING | CWR-200491 | 0102 |
| G | SLINGER | CWR-200490 | 0102 |
| H | BEARING | 700543 | 0102 |
| J | GEAR | CWR-200658 | 0102 |
| K | KEY | CWR-200116 | 0102 |
| L | NUT | CWR-200371 | 0102 |
| M | BEARING | CWR-201481 | 0102 |
| N | SPACER | CWR-200373 | 0102 |
| O | CRANKSHAFT | CWR-201317 | 0102 |
| P | SCREW | CWR-200280 | 0102 |
| Q | PLUG | CWR-202247 | 0102 |
| R | SCREW | CWR-200326 | 0102 |
| S | WASHER | CWR-200174 | 0102 |
| T | WASHER | CWR-200277 | 0102 |
| U | BOLT | CWR-200184 | 0102 |
| V | SPACER | CWR-200567 | 0104 |
| W | PLUG | CWR-200269 | 0102 |
| X | CRANKSHAFT | CWR-200506 | 0102 |
| Y | PLUG | CWR-200394 | 0102 |
| Z | RETAINER | CWR-200437 | 0102 |
| AA | PIN | CWR-200636 | 0102 |
| AB | SPRING | CWR-200640 | 0102 |
| AC | GEAR | CWR-200635 | 0102 |
| AD | HUB, ass'y | CWR-200753 | 0102 |
| AE | SCREW | CWR-200439 | 0102 |
| AF | BOLT | CWR-200194 | 0102 |
| AG | STOP | CWR-201156 | 0102 |
| AH | BUSHING | CWR-200510 | 0102 |
| AJ | PIN | CWR-201155 | 0102 |
| AK | BUSHING | CWR-200511 | 0102 |
| AL | COUNTERWEIGHT | CWR-201157 | 0102 |
| AM | NUT | CWR-200103 | 0102 |
| AN | COUNTERWEIGHT | CWR-201158 | 0102 |
| AO | WASHER | AIR-AN960-416L | 0103 |
| AP | PIN | CWR-200237 | 0103 |

RA PD 337820E

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | 2220-200764 | | (CWR-200764) | | CRANKSHAFT, w/COUNTERWEIGHT, assembly (Includes: BOLTS, BUSHINGS, NOZZLES, NUTS, PINS, PLUGS, RIVETS, SCREW, SPACER and WASHER) (superseded by CRANKSHAFT, CWR-201316 after first 1500 engines) . . . . . (C1 only) | 1 | |
| | G104-0100487 | 01-5,14 | E2653 (CWR-201316) | E2653 | CRANKSHAFT, w/COUNTERWEIGHT, assembly (Includes: BOLTS, BUSHINGS, NOZZLES, NUTS, PINS, PLUGS, RIVETS, SCREW, SPACER and WASHER) (supersedes CRANKSHAFT, CWR-200764 after first 1500 engines) . . . . . (C1 only) | 1 | |
| | G104-0100843 | 01-14,25 | C68789 (CWR-200658) | C68789 | GEAR, front crankshaft scavenger pump drive (43 T., 3.72 O.D., .56 face). (C1 only) | 1 | |
| | G104-0100740 | 01-5,14,19, 30,32 | C75783 (CWR-200635) | C75783 | GEAR, rear crankshaft (36 T., 5.36 O.D., .88 face) . . . . . | 1 | |
| | G104-1596049 | 01-15 | A175150 (CWR-200754) | A175150 | GEAR, rear crankshaft, assembly (Includes: PINS, RETAINER and SPRINGS). | 1 | |
| | G104-0100950 | 01-14,19 | B169294 (CWR-200753) | B169294 | HUB, rear crankshaft gear, w/PLATE, assembly . . . . . | 1 | |
| | G104-0101001 | 01-14 | A171094 (CWR-200116) | A171094 | KEY, front crankshaft scavenger pump drive gear (S., ⅛ x ¼ x 43/64). (C1 only) | 1 | |
| | G104-0101000 | 01-8 | A165073 (CWR-200117) | A165073 | KEY, rectangular, crankshaft rear bearing (S., 3/16 x 5/16 x 47/64). . . . (C1 only) | 1 | |
| | G163-7006880 | | 7006880 (CWR-202579) | | NOZZLE, oil, crankshaft . . . . . (C4 only) | 1 | |
| | | | (CWR-201153) | | NOZZLE, oil, crankshaft (superseded by NOZZLE, CWR-201457). . . . . (C1 only) | 1 | |
| | 2220-201457 | | A246138 (CWR-201457) | A246138 | NOZZLE, oil, crankshaft (supersedes NOZZLE, CWR-201153) . . . . . (C1 only) | 1 | |
| | G104-0101340 | 01-14,15 | A165059 (CWR-200103) | A165059 | NUT, crankshaft counterweight stop bolt (acorn, alloy-S., cd-pltd., 5/16-24NF-2, special) . . . . . | 2 | |
| | G104-0101159 | 01-15 | B154523 (CWR-200447) | B154523 | NUT, crankshaft thread protector, front end . . . . . | as req. | |
| | G104-1714767 | | A165435 (CWR-200739) | A165435 | NUT, front crankshaft thrust bearing, w/RING, assembly . . . . . | 1 | |
| | G104-0101160 | 01-14 | B154502 (CWR-200371) | B154502 | NUT, lock, front crankshaft main bearing retainer . . . . . (C1 only) | 1 | |
| | G104-0101161 | 01-14,15 | B154576 (CWR-200605) | B154576 | NUT, spanner, front crankshaft thrust bearing . . . . . | 1 | |
| | | | (CWR-202104) | | ORIFICE, crankshaft front end . . . . . (C4 only) | 1 | |
| H-1 | H001-4417121 | 01-15 | (AIR-AN380-2-2) | | PIN, cotter, split, S., 1/16 x ½ (crankshaft counterweight stop bolt). . . (C4 only) | 2 | |
| | G163-0338602 | | A165133N (CWR-200822) | A165133 | PIN, cotter, front crankshaft main bearing retainer nut (split, S., cd-pltd., 1/16 x 1¼) . . . . . (C1 only) | 1 | |
| H-1 | H001-4417141 | | BFAX1BE-1 (CWR-200818) | BFAX1 | PIN, cotter, split, S., cd-pltd., 1/16 x ½ (crankshaft counterweight stop bolt) . . . . . (C1 only) | 2 | |
| H-1 | H001-0811052 | 01-15 | 103385 (AIR-AN380-4-4) | | PIN, cotter, split, S., ⅛ x 1 (rear crankshaft crankcheek cap screw) (BFAX1DG). . | 1 | |

| | | | | | |
|---|---|---|---|---|---|
| G163-0338603 | | A165135 (CWR-200827) | A165135 | PIN, cotter, rear crankshaft crankcheek cap screw (split, S., cd-pltd., 1/8 x 1) ........ (C1 only) | 1 |
| G163-7006820 | | 7006820 (CWR-201749) | | PIN, crankshaft rear bearing ........ (C4 only) | 1 |
| | | (CWR-200509) | | PIN, rear crankshaft counterweight (superseded by PIN, CWR-201155) . (C1 only) | 2 |
| G104-0101452 | 01-6,14,15 | B194592 (CWR-201155) | B194592 | PIN, rear crankshaft counterweight (alloy-S., .980 O.D. x 2.088) (supersedes PIN, CWR-200509) ........ | 2 |
| G104-0101410 | 01-14,19 | A175209 (CWR-200636) | A175209 | PIN, rear crankshaft gear spring (sq., S., .44 x .50 x .54) ........ | 16 |
| G104-0101590 | | A165221 (CWR-200282) | A165221 | PLUG, front crankshaft crankpin oil passage (superseded by PLUG, CWR-202247) ........ (C1 only) | 1 |
| G104-1740506 | 01-14 | (CWR-202247) | | PLUG, front crankshaft crankpin oil passage (supersedes PLUG, CWR-200282) ........ (C1 only) | 1 |
| 2220-895-B104 | 01-15 | (AIR-AN-895-B104) | | PLUG, oil, crankshaft crankpin ........ (C4 only) | 1 |
| G104-0101630 | 01-14,15 | A165209 (CWR-200269) | A165209 | PLUG, rear crankshaft, inner ........ | 1 |
| G104-0101640 | 01-14,15 | A165289 (CWR-200394) | A165289 | PLUG, rear crankshaft, outer ........ | 1 |
| G104-0101760 | 01-14,19 | A165317 (CWR-200437) | A165317 | RETAINER, rear crankshaft gear spring ........ | 1 |
| G104-0101830 | 01-14,15 | B170331 (CWR-200491) | B170331 | RING, front crankshaft thrust bearing nut oil seal ........ | 2 |
| 2220-200345 | | A165255 (CWR-200345) | A165255 | RIVET, front crankshaft counterweight ........ (C1 only) | 4 |
| G104-0102150 | 01-14,15 | A159954 (CWR-200326) | A159954 | SCREW, rear crankshaft crankcheek cap (hex-hd., alloy-S., 1-14NF-2 x 3 1/8) ........ | 1 |
| G104-0102120 | 01-14,15 | B206663 (CWR-200439) | B206663 | SCREW, rear crankshaft gear hub (special, alloy-S., dld. f/lkg-wire., 5/16-24NF-2) | 8 |
| G104-0102080 | 01-14 | A165218 (CWR-200280) | A165218 | SCREW, set, crankshaft spline (5/16-24 x 7/16) ........ | 1 |
| G104-0102530 | 01-14,15 | B154546 (CWR-200490) | B154546 | SLINGER, oil, front crankshaft ........ | 1 |
| G104-0102570 | 01-14 | B154503 (CWR-200373) | B154503 | SPACER, front crankshaft main bearing ........ (C1 only) | 1 |
| G163-7006867 | 01-15 | 7006867 (CWR-202479) | | SPACER, front crankshaft main bearing ........ (C4 only) | 1 |
| G104-0102680 | 01-14,19 | A171141 (CWR-200640) | A171141 | SPRING, rear crankshaft gear ........ | 8 |
| G104-0102770 | | A165354 (CWR-200508) | A165354 | STOP, rear crankshaft counterweight (optional with STOP, CWR-201156) ........ | 1 |
| G104-0102761 | 01-14,15 | A229668 (CWR-201156) | A229668 | STOP, rear crankshaft counterweight (optional with STOP, CWR-200508) ........ | 1 |
| G104-0103350 | 01-14,15 | A165121 (CWR-200174) | A165121 | WASHER, beveled, rear crankshaft crankcheek cap screw (alloy-S., 1-1/64 x 1 3/8 x 5/32) ........ | 1 |
| G104-0103520 | 01-14 | A165214 (CWR-200277) | A165214 | WASHER, lock, front crankshaft crankpin oil plug screw ........ (C1 only) | 1 |
| G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, crankshaft counterweight stop bolt (chr-ni-S., .045 diam.) ........ | as req. |
| | | | | **0103—FLYWHEEL** | |
| G104-0100401 | 01-5,14,15, 02-3 | B154481B (CWR-200865) | B154481B | CONE, flywheel hub, front ........ | 1 |

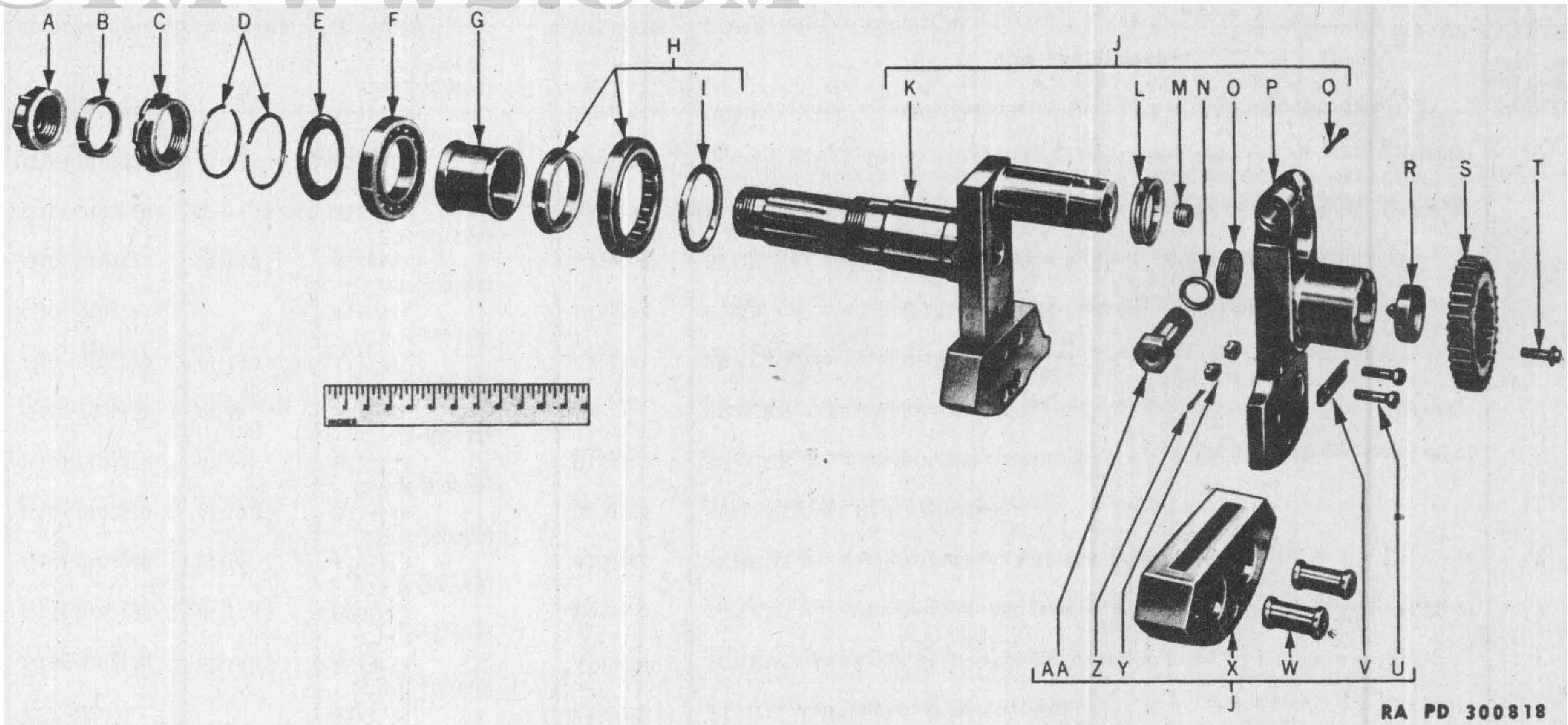



**FIGURE 01-15 — ENGINE CRANKSHAFT AND BEARINGS (C4)**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | NUT | CWR-200447 | 0102 |
| B | CONE | CWR-200865 | 0103 |
| C | NUT | CWR-200605 | 0102 |
| D | RING | CWR-200491 | 0102 |
| E | SLINGER | CWR-200490 | 0102 |
| F | BEARING | CWR-200142 | 0102 |
| G | SPACER | CWR-202479 | 0102 |
| H | BEARING, ass'y | CWR-203257 | 0102 |
| I | SPACER (furnished only as part of BEARING ass'y, CWR-203257) | | 0102 |
| J | CRANKSHAFT, ass'y | CWR-201794 | 0102 |
| K | CRANKSHAFT | CWR-201795 | 0102 |
| L | SPACER | CWR-202412 | 0104 |
| M | PLUG | AIR-895-B104 | 0102 |
| N | WASHER | CWR-200174 | 0102 |
| O | PLUG | A165209 | 0102 |
| P | CRANKSHAFT | CWR-200506 | 0102 |
| Q | PIN | 103385 | 0102 |
| R | PLUG | CWR-200394 | 0102 |
| S | GEAR, ass'y | CWR-200754 | 0102 |
| T | SCREW | CWR-200439 | 0102 |
| U | BOLT | CWR-200194 | 0102 |
| V | STOP | CWR-201156 | 0102 |
| W | PIN | CWR-201155 | 0102 |
| X | COUNTERWEIGHT | CWR-201797 | 0102 |
| Y | NUT | CWR-200103 | 0102 |
| Z | PIN | AIR-AN380-2-2 | 0102 |
| AA | SCREW | CWR-200326 | 0102 |

RA PD 300818C

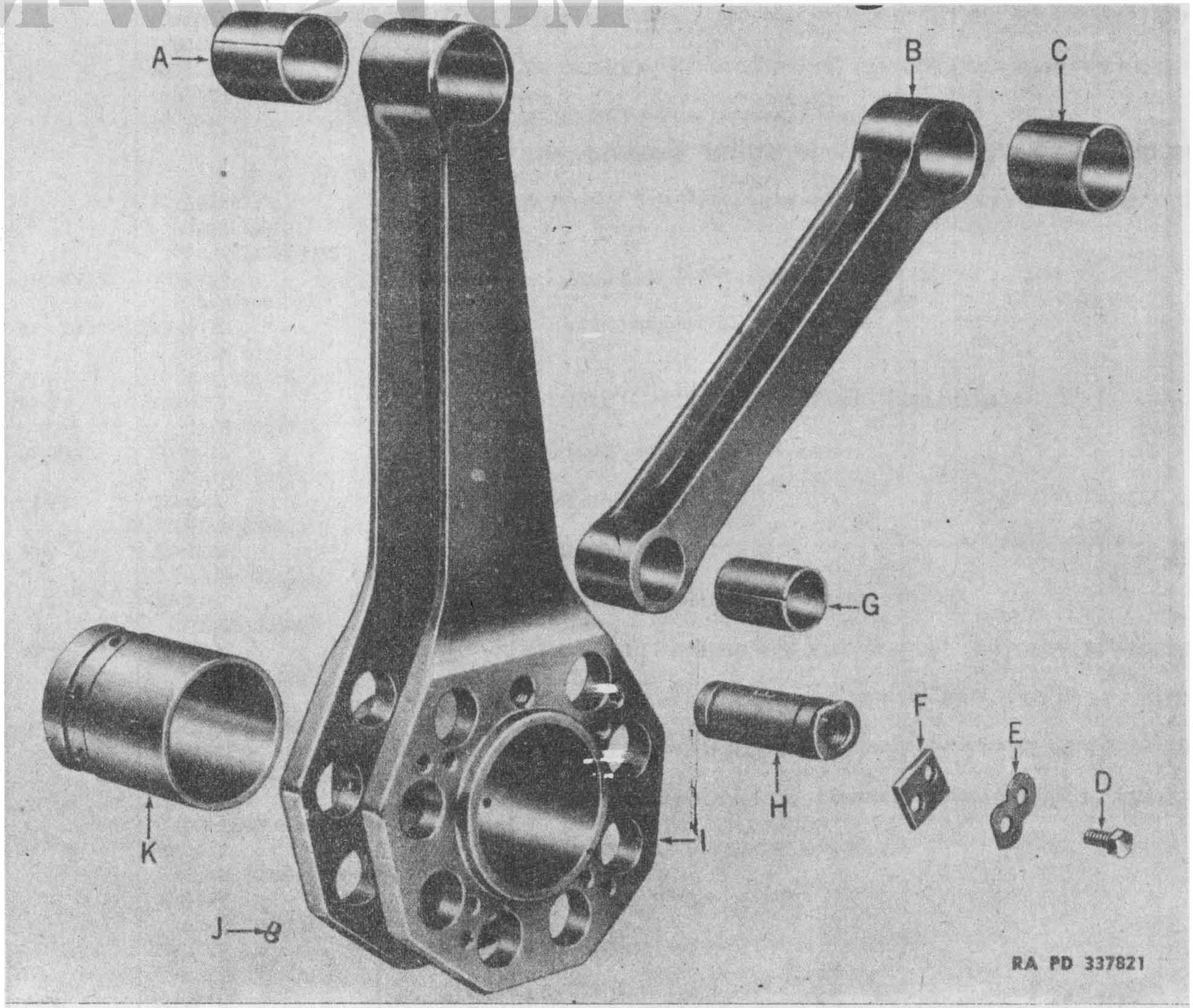



**FIGURE 01-16 — CONNECTING ROD ASSEMBLIES, MASTER AND ARTICULATED**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BUSHING | CWR-200854 | 0104 |
| B | ROD | CWR-200747 | 0104 |
| C | BUSHING | CWR-200855 | 0104 |
| D | SCREW | CWR-200186 | 0104 |
| E | LOCK | CWR-200400 | 0104 |
| F | LOCK | CWR-200376 | 0104 |
| G | BUSHING | CWR-200856 | 0104 |
| H | PIN, ass'y | CWR-200456 | 0104 |
| I | ROD | CWR-202274 | 0104 |
| J | PIN | CWR-200281 | 0104 |
| K | BEARING | CWR-201679 | 0104 |

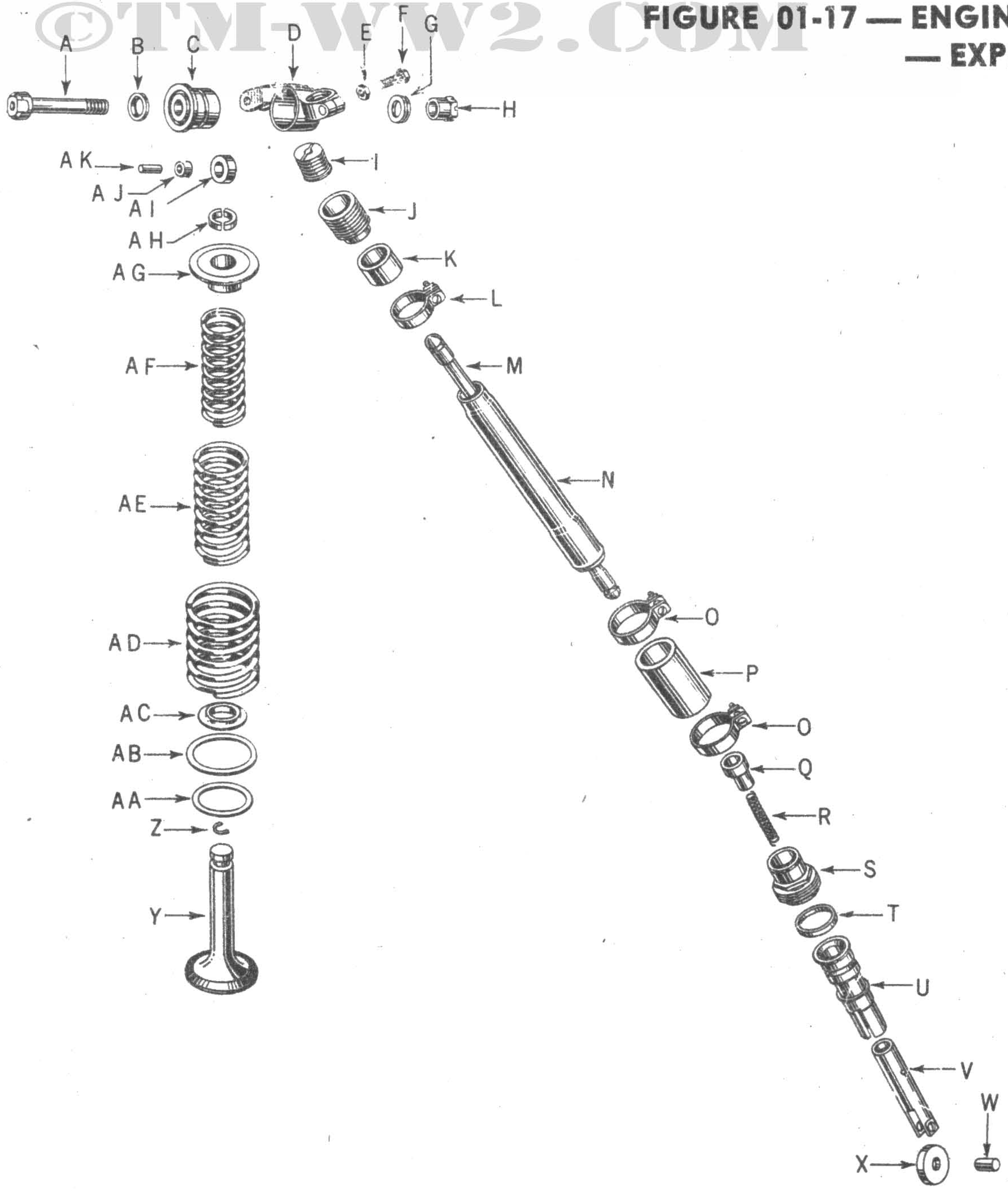
RA PD 337821E

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0100402 | 01-5,14, 02-3 | B167889 (CWR-200503) | B167889 | CONE, flywheel hub, rear | 1 | |
| | 2220-203284 | 01-3 | C101102 (CWR-203284) | C101102 | COVER, dust, flywheel | 1 | |
| | G163-6547541 | 02-4 | D47541 (CWR-201425) | D47541 | FLYWHEEL, engine (C1 only) | 1 | |
| | | | 7067266 (CWR-203632) | | FLYWHEEL, engine (C4 only) | 1 | |
| | | | 7067224 (CWR-203635) | | RIVET, flywheel to hub | 20 | |
| | | | 7067270 (CWR-203630) | | FLYWHEEL, w/CLUTCH, assembly (C4 only) | 1 | |
| | | | D78123A (CWR-202769) | D78123 | FLYWHEEL, w/CLUTCH, assembly (superseded by FLYWHEEL, CWR-203483) (C1 only) | 1 | |
| | G104-2138264 | | D78123 (CWR-203483) | D78123 | FLYWHEEL, w/CLUTCH, assembly (supersedes FLYWHEEL, CWR-202769) (C1 only) | 1 | |
| | G104-1585101 | | D47537 (CWR-201940) | D47537 | FLYWHEEL, w/HUB and PIN, assembly (superseded by FLYWHEEL, CWR-202986) (C1 only) | 1 | |
| | G104-2670756 | 02-3 | D78189 (CWR-202986) | D78189 | FLYWHEEL, w/HUB and PIN, assembly (supersedes FLYWHEEL, CWR-201940) | 1 | |
| | | | 7067265 (CWR-203631) | | FLYWHEEL, w/HUB and RIVETS, assembly (C4 only) | 1 | |
| | | 02-5 | 7067256 (CWR-203633) | | HUB, flywheel (C4 only) | 1 | |
| | G104-0100951 | 01-14 | D34027 (CWR-200618) | D34027 | HUB, flywheel (C1 only) | 1 | |
| | G104-0101270 | 01-5,14, 02-3 | B154517 (CWR-200422) | B154517 | NUT, retaining, flywheel hub | 1 | |
| H-1 | H001-0811025 | 02-3 | 103361 (AIR-AN-380-2-2) (CWR-200818) | | PIN, cotter, S., cd-pltd., 1/16 x ½ (BFAX1BG) | 1 | |
| | G104-0101450 | 01-5,14, 02-3 | A165175 (CWR-200237) | A165175 | PIN, retaining, flywheel hub nut | 1 | |
| | G104-0103300 | 01-14,02-3 | A165104 (AIR-AN960-416L) (CWR-200151) | A165104 | WASHER, plain, 17/64 x ½ x 1/16 | 1 | |
| | 2220-203457 | | (CWR-203457) | | WASHER, dust cover to flywheel bolt (alloy-S., .52 I.D. x .94 O.D. x .125 thk.) | 12 | |
| | | | | | **0104—PISTONS, RINGS, PINS, CONNECTING RODS AND BEARINGS** | | |
| | G163-7006871 | | 7006871 (CWR-202497) | | BEARING, master connecting rod (standard) (C4 only) | 1 | |
| | G163-7005784 | | 7005784 (CWR-202497-Y-1) | | BEARING, master connecting rod (standard I.D. x .002 oversize O.D.) (C4 only) | as req. | |
| | 2220-202497-Y15 | | (CWR-202497-Y-15) | | BEARING, master connecting rod (standard O.D. x .008 undersize I.D.) (C4 only) | as req. | |

| | | | | | |
|---|---|---|---|---|---|
| G104-7001491 | | 7001491 (CWR-201679-Y-15) | | BEARING, master connecting rod (standard O.D. and .015 undersize I.D.) . . . . . (C1 only) | as req. |
| G104-0100124 | | C68797 (CWR-200451) | C68797 | BEARING, master connecting rod (superseded by BEARING, CWR-201679) . . . . . (C1 only) | 1 |
| G104-7001490 | 01-16 | 7001490 (CWR-201679) | | BEARING, master connecting rod (supersedes BEARING, CWR-200451) . . . . . (C1 only) | 1 |
| | | (CWR-201451-Y-16) | | BEARING, master connecting rod (superseded by BEARING, CWR-201679-Y-16) . . . . . (C1 only) | as req. |
| G104-7001492 | | 7001492 (CWR-201679-Y-16) | | BEARING, master connecting rod (.002 oversize O.D. and .015 undersize I.D.) (supersedes BEARING, CWR-201451-Y-16) . . . . . (C1 only) | as req. |
| | | (CWR-201679-Y-3) | | BEARING, master connecting rod (.010 oversize O.D. and standard I.D.). (C1 only) | as req. |
| | | (CWR-201679-Y-1) | | BEARING, master connecting rod (.002 oversize O.D. and standard I.D.). (C1 only) | as req. |
| 2220-202497-Y16 | | (CWR-202497-Y-16) | | BEARING, master connecting rod (.002 oversize O.D. x .008 undersize I.D.) . . . . . (C4 only) | as req. |
| | | (CWR-201679-Y-2) | | BEARING, master connecting rod (.005 oversize O.D. and standard I.D.) . . . . . (C1 only) | as req. |
| G104-7001493 | | 7001493 (CWR-201679-Y-17) | | BEARING, master connecting rod (.005 oversize O.D. and .015 undersize I.D.) . . . . . (C1 only) | as req. |
| 2220-202497-Y17 | | (CWR-202497-Y-17) | | BEARING, master connecting rod (.005 oversize O.D. x .008 undersize I.D.) . . . . . (C4 only) | as req. |
| | | (CWR-201679-Y-18) | | BEARING, master connecting rod (.010 oversize O.D. and .015 undersize I.D.) . . . . . (C1 only) | as req. |
| G104-0100257 | 01-16 | D37178A22 (CWR-200856) | D37178 | BUSHING, articulated connecting rod knuckle pin (bz., split, .877 I.D. x 9.87 O.D. x 1.42) (std.) . . . . . | 8 |
| G104-0100256 | 01-16 | D37178A21 (CWR-200855) | D37178 | BUSHING, articulated connecting rod piston pin (bz., split, 1.25 I.D. x 1.36 O.D. x 1.44) (std.) . . . . . | 8 |
| G104-1527839 | 01-16 | D37178A13 (CWR-200854) | D37178 | BUSHING, master connecting rod piston pin (bz., split, 1.25 I.D. x 1.36 O.D. x 1⅝) (std.) . . . . . | 1 |
| G104-0303835 | 01-16 | B170157 (CWR-200376) | B170157 | LOCK, articulated connecting rod knuckle pin . . . . . | 32 |
| | | (CWR-200376-Y-5) | | LOCK, articulated connecting rod knuckle pin (.005 oversize) . . . . . | as req. |
| | | (CWR-200376-Y-10) | | LOCK, articulated connecting rod knuckle pin (.010 oversize) . . . . . | as req. |
| | | (CWR-200376-Y-15) | | LOCK, articulated connecting rod knuckle pin (.015 oversize) . . . . . | as req. |
| | | (CWR-200376-Y-20) | | LOCK, articulated connecting rod knuckle pin (.020 oversize) . . . . . | as req. |
| G104-1679866 | | A165261 (CWR-200376-Y-25) | A165261 | LOCK, articulated connecting rod knuckle pin (.025 oversize) . . . . . | as req. |
| G104-0101040 | 01-16 | A165293 (CWR-200400) | A165293 | LOCK, articulated connecting rod knuckle pin screw . . . . . | 4 |
| 2220-200399 | | C91229 (CWR-200399) | C91229 | PIN, knuckle, articulated connecting rod . . . . . (C1 only) | 8 |
| 2220-203387 | 01-6 | (CWR-203387) | | PIN, knuckle, articulated connecting rod, w/PLUG, assembly . . . . . (C4 only) | 8 |
| G104-0101430 | 01-16 | C66767 (CWR-200456) | C66767 | PIN, knuckle, articulated connecting rod, w/PLUG, assembly . . . . . (C1 only) | 8 |
| G104-0100536 | 01-16 | A165219 (CWR-200281) | A165219 | PIN, master connecting rod bearing (3/16 x 11/64, headed) . . . . . (C1 only) | 1 |
| G163-7006863 | | 7006863 (CWR-202447) | | PIN, master connecting rod bearing to rod . . . . . (C4 only) | 1 |
| G163-7006945 | 01-6,13 | 7006945 (CWR-203269) | | PIN, piston . . . . . (C4 only) | 9 |
| G104-0101440 | 01-12 | A165305 (CWR-200424) | A165305 | PIN, piston (std.) . . . . . (C1 only) | 9 |

# FIGURE 01-17 — ENGINE VALVE, SPRINGS, LIFT AND ARM — EXPLODED VIEW (C1)

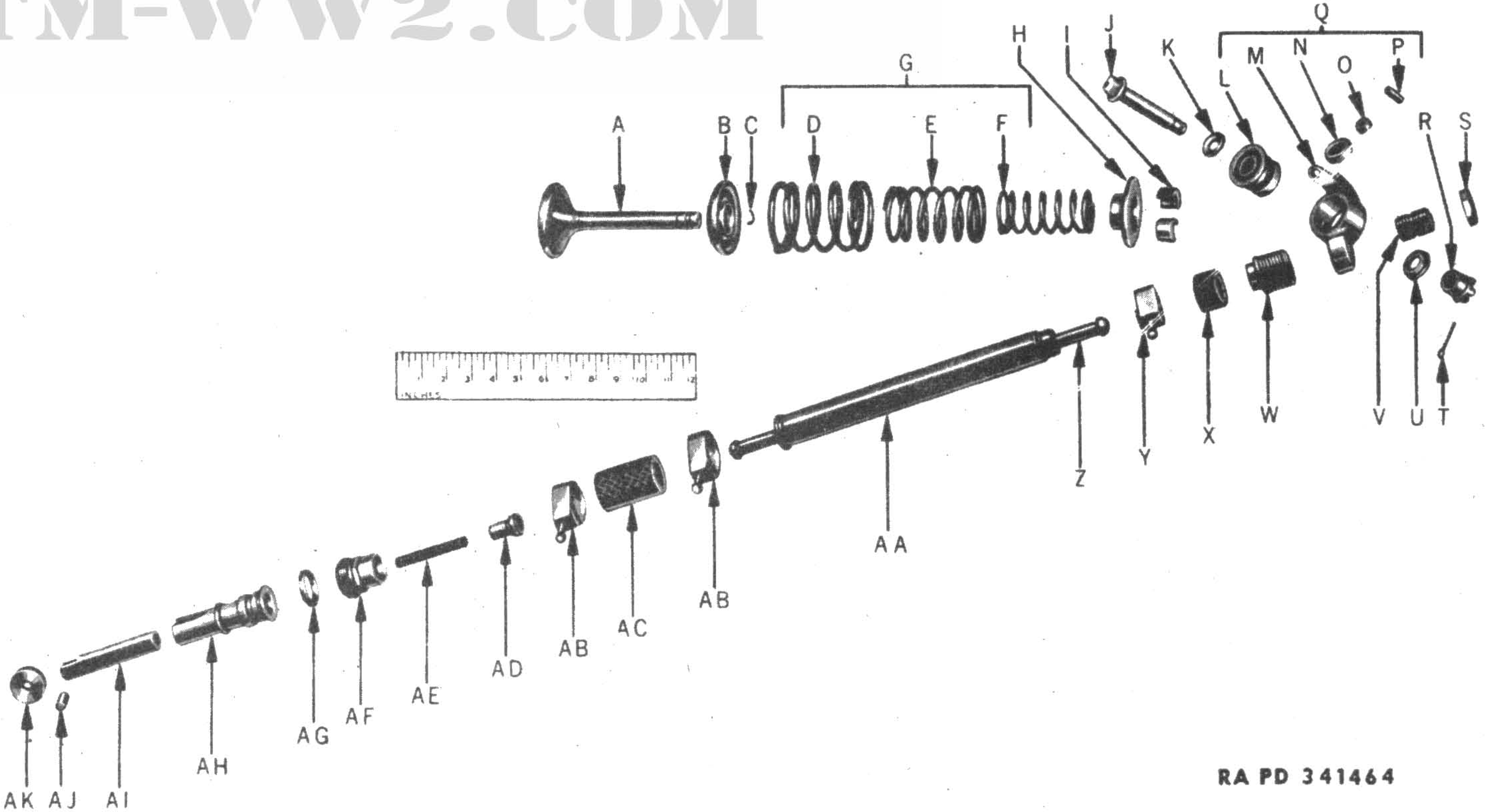





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| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BOLT | CWR-200583 | 0105.2 |
| B | WASHER | CWR-200177 | 0105.2 |
| C | BEARING | CWR-200639 | 0105.2 |
| D | ARM | CWR-202134 | 0105.2 |
| E | NUT (furnished only as part of ARM ass'y, CWR-202152) | | 0105.2 |
| F | SCREW (furnished only as part of ARM ass'y, CWR-202152) | | 0105.2 |
| G | WASHER | CWR-200530 | 0105.2 |
| H | NUT | CWR-200540 | 0105.2 |
| I | SCREW | CWR-202136 | 0105.2 |
| J | CONNECTION | CWR-200576 | 0105.2 |
| K | HOSE | CWR-200273 | 0105.2 |
| L | CLAMP | CWR-200300 | 0105.2 |
| M | ROD, ass'y | CWR-202145 | 0105.2 |
| N | HOUSING | CWR-201860 | 0105.2 |
| O | CLAMP | CWR-200300 | 0105.2 |
| P | HOSE | CWR-200985 | 0105.2 |
| Q | SOCKET | CWR-201492 | 0105.2 |
| R | SPRING | CWR-200580 | 0105.2 |
| S | ADAPTER | CWR-200579 | 0105.2 |
| T | OIL SEAL | CWR-200581 | 0105.2 |
| U | GUIDE | CWR-200582 | 0105.1 |
| V | TAPPET | CWR-200608 | 0105.2 |
| W | PIN | CWR-200316 | 0105.2 |
| X | ROLLER | CWR-201841 | 0105.2 |
| Y | VALVE | CWR-200604 | 0105.1 |
| Z | CIRCLET | CWR-200319 | 0105.1 |
| AA | WASHER | CWR-200524 | 0105.1 |
| AB | WASHER | CWR-200410 | 0105.1 |
| AC | WASHER | CWR-200617 | 0105.1 |
| AD | SPRING | CWR-201956 | 0105.1 |
| AE | SPRING | CWR-201955 | 0105.1 |
| AF | SPRING | CWR-201954 | 0105.1 |
| AG | WASHER | CWR-202065 | 0105.1 |
| AH | LOCK | CWR-200327 | 0105.1 |
| AI | ROLLER | CWR-200377 | 0105.2 |
| AJ | HUB | CWR-200378 | 0105.2 |
| AK | PIN | CWR-200165 | 0105.2 |

RA PD 337862E




## FIGURE 01-18 — ENGINE VALVE, SPRINGS, LIFT AND ARM — EXPLODED VIEW (C4)

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | VALVE | CWR-202161 | 0105.1 |
| B | WASHER | CWR-201733 | 0105.1 |
| C | CIRCLET | CWR-200319 | 0105.1 |
| D | SPRING | CWR-201956 | 0105.1 |
| E | SPRING | CWR-201955 | 0105.1 |
| F | SPRING | CWR-201954 | 0105.1 |
| G | SPRING SET | CWR-S-201954 | 0105.1 |
| H | WASHER | CWR-202065 | 0105.1 |
| I | LOCK | CWR-202159 | 0105.1 |
| J | BOLT | CWR-200583 | 0105.2 |
| K | WASHER | CWR-200179 | 0105.2 |
| L | BEARING | CWR-200639 | 0105.2 |
| M | ARM | CWR-202134 | 0105.2 |
| N | ROLLER | CWR-200377 | 0105.2 |
| O | HUB | CWR-200378 | 0105.2 |
| P | PIN | CWR-201065 | 0105.2 |
| Q | ARM, ass'y | CWR-202152 | 0105.2 |
| R | NUT | CWR-200540 | 0105.2 |
| S | NUT | CWR-202133 | 0105.2 |
| T | PIN | AIR-AN380-4-3 | 0105.2 |
| U | WASHER | CWR-200530 | 0105.2 |
| V | SCREW | CWR-202136 | 0105.2 |
| W | CONNECTION | CWR-200576 | 0105.2 |
| X | HOSE | CWR-200273 | 0105.2 |
| Y | CLAMP | CWR-200300 | 0105.2 |
| Z | ROD, ass'y | CWR-201860 | 0105.2 |
| AA | HOUSING | CWR-202145 | 0105.2 |
| AB | CLAMP | CWR-200300 | 0105.2 |
| AC | HOSE | CWR-200985 | 0105.2 |
| AD | SOCKET | CWR-201492 | 0105.2 |
| AE | SPRING | CWR-200580 | 0105.2 |
| AF | ADAPTER | CWR-200579 | 0105.2 |
| AG | OIL SEAL | CWR-200581 | 0105.2 |
| AH | GUIDE | CWR-200582 | 0105.1 |
| AI | TAPPET | CWR-202066 | 0105.2 |
| AJ | PIN | CWR-200316 | 0105.2 |
| AK | ROLLER | CWR-201841 | 0105.2 |

RA PD 341464A

# GROUP 01 — ENGINE



| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | 2220-202050 | | (CWR-202050) | | PISTON, engine (superseded by PISTON, CWR-201879)............(C1 only) | 9 | |
| | G104-1738910 | | D52771 (CWR-201879) | D52771 | PISTON, engine (5.7:1 compression ratio) (supersedes PISTON, CWR-202050) ............(C1 only) | 9 | |
| | | 01-6,13 | (CWR-203256) | | PISTON, engine (5.7:1 compression ratio)............(C4 only) | 1 | |
| | G163-7006933 | 01-13 | 7006933 (CWR-203240) | | PISTON, engine, assembly (Includes: PIN, PISTON assembly CWR-203241, PLUGS and RINGS)............(C4 only) | 9 | |
| | 2220-203334 | 01-5,12 | (CWR-203334) | | PISTON, engine, assembly (Includes: PIN, PISTON assembly CWR-203335, RETAINER and RINGS) (use for all replacements except where cylinders have been reconditioned by chrome plating)............ | 9 | |
| | G104-2338846 | | (CWR-202098) | | PISTON, engine, assembly (Includes: PIN, PISTON assembly CWR-S-201879, RETAINER and RINGS) (used where cylinder barrels have been reconditioned by chrome plating)............(C1 only) | 9 | |
| | G104-1738910 | | D52771 (CWR-S-201879) | D52771 | PISTON, engine, w/RINGS, assembly............(C1 only) | 9 | |
| | G163-7006934 | | 7006934 (CWR-203241) | | PISTON, engine, w/RINGS, assembly............(C4 only) | 9 | |
| | G104-2338845 | | (CWR-202416) | | PISTON, engine, w/RINGS, assembly (superseded by PISTON, CWR-203335) ............(C1 only) | 9 | |
| | | | (CWR-203335) | | PISTON, engine, w/RINGS, assembly (supersedes PISTON, CWR-202416) ............(C1 only) | 9 | |
| | G104-5165116 | | A165116 (CWR-200167) | A165116 | PLUG, articulated connecting rod knuckle pin............ | 8 | |
| | G163-7006944 | 01-6,13 | 7006944 (CWR-203268) | | PLUG, piston pin............(C4 only) | 18 | |
| | G104-0101870 | 01-12 | B158155 (CWR-200448) | B158155 | RETAINER, piston pin............(C1 only) | 18 | |
| | G163-7006769 | 01-12,13 | 7006769 (CWR-203332) | | RING, compression, piston (groove 1) (standard) (also part of RING SET, CWR-S-203332)............ | 9 | |
| | | | (CWR-203332-Y-20) | | RING, compression, piston (groove 1) (.020 oversize O.D.) (also part of RING SET, CWR-S-201898)............ | as req. | |
| | G104-0101880 | 01-12,13 | B207171 (CWR-201406) | B207171 | RING, compression, piston (groove 2 & 3) (standard) (also part of RING SET, CWR-S-203332)............ | 18 | |
| | | | (CWR-201406-Y-20) | | RING, compression, piston (groove 2 & 3) (.020 oversize O.D.) (also part of RING SET, CWR-S-201898)............ | as req. | |
| | G104-0101885 | 01-12,13 | B207305 (CWR-201898) | B207305 | RING, oil, piston (groove 4 & 5) (standard) (also part of RING SET, CWR-S-203332)............ | 18 | |
| | | | (CWR-201898-Y-20) | | RING, oil, piston (groove 4 & 5) (.020 oversize O.D.) (also part of RING SET, CWR-S-201898)............ | as req. | |
| | G163-7005688 | | 7005688 (CWR-S-201406) | | RING SET, engine piston (standard) (for one cylinder) (used on cylinders that have been chrome plated, which are painted red)............ (Consists of: | 9 | |
| | G104-0101880 | | B207171 (CWR-201406) | B207171 | 3 RING (grooves 1, 2 & 3) | | |

| | | | | | |
|---|---|---|---|---|---|
| G104-0101885 | | B207305 (CWR-201898) | B207305 | 2 RING (grooves 4 & 5) | |
| G163-7006769 | | 7006769 (CWR-S-203332) | | RING SET, engine piston (standard) (for one cylinder) (used on cylinders NOT painted red) (Consists of: | 9 |
| G163-7006769 | | 7006769 (CWR-203332) | | 1 RING, bevel back taper face chrome plate (groove 1) | |
| G104-0101880 | | B207171 (CWR-201406) | B207171 | 2 RING, bevel back taper face (groove 2 & 3) | |
| G104-0101885 | | B207305 (CWR-201898) | B207305 | 2 RING, side relief oil control (groove 4 & 5) | |
| | | (CWR-S-201898) | | RING SET, engine piston (.020 oversize) (for one cylinder) (used on cylinders NOT painted red) (Consists of: | 9 |
| | | (CWR-203332-Y-20) | | 1 RING (groove 1) | |
| | | (CWR-201406-Y-20) | | 2 RING (groove 2 & 3) | |
| | | (CWR-201898-Y-20) | | 2 RING (groove 4 & 5) | |
| G104-5568781 | | C68781 (CWR-200628) | C68781 | ROD, connecting, articulated | 8 |
| G104-0101980 | 01-6,16 | C68793 (CWR-200747) | C68793 | ROD, connecting, articulated, w/BUSHINGS, assembly | 8 |
| | 01-6 | (CWR-202904) | | ROD, connecting, master, assembly (Includes: BEARING, BUSHING and PIN) (C4 only) | 1 |
| | | (CWR-202904-Y-15) | | ROD, connecting, master, assembly (Includes: BEARING, BUSHING and PIN) (.008 undersize I.D.) (C4 only) | 1 |
| G104-1773310 | | (CWR-202274-Y-1) | | ROD, connecting, master, assembly (Includes: BEARINGS, BUSHINGS and PINS) (C1 only) | as req. |
| G104-1784747 | | A175145 (CWR-200748) | A175145 | ROD, connecting, master, assembly (Includes: BEARINGS, BUSHINGS and PINS) (superseded by ROD, CWR-202274) (C1 only) | 1 |
| 2220-202274 | 01-5,16 | (CWR-202274) | | ROD, connecting, master, assembly (Includes: BEARINGS, BUSHINGS and PINS) (finished, 2.2525 I.D.) (supersedes ROD, CWR-200748) (C1 only) | 1 |
| G104-0102200 | 01-16 | A165129 (CWR-200186) | A165129 | SCREW, lock, articulated connecting rod knuckle pin (hex-hd., chr-ni-S., cd-pltd., ¼-28NF-2 x ½) | 8 |
| G104-0102620 | 01-14 | B154567 (CWR-200567) | B154567 | SPACER, thrust, master connecting rod bearing (C1 only) | 1 |
| G163-7006860 | 01-15 | 7006860 (CWR-202412) | | SPACER, thrust, master connecting rod bearing (C4 only) | 1 |

### 0105.1—VALVES, GUIDES, SEATS AND SPRINGS

| | | | | | |
|---|---|---|---|---|---|
| G104-0100330 | 01-17,18 | A165237 (CWR-200319) | A165237 | CIRCLET, exhaust valve lock | 9 |
| G104-1827116 | | A247531 (CWR-202043) | A247531 | CIRCLET, intake valve lock (C1 only) | 9 |
| G163-7006946 | | 7006946 (CWR-203285) | | CIRCLET, intake valve lock (C4 only) | 9 |
| G104-0100891 | 01-12 | B154485 (CWR-200322) | B154485 | GUIDE, exhaust valve (standard) (C1 only) | 9 |
| | | B154485B (CWR-200322-Y-1) | B154485 | GUIDE, exhaust valve (.003 oversize) (C1 only) | as req. |
| | | B154485C (CWR-200322-Y-2) | B154485 | GUIDE, exhaust valve (.005 oversize) (C1 only) | as req. |

# GROUP 01 — ENGINE



| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | 2220-200322-Y-3 | | (CWR-200322-Y-3) | | GUIDE, exhaust valve (.010 oversize)....................(C1 only) | as req. | |
| | | | B154585E (CWR-200322-Y-4) | B154585 | GUIDE, exhaust valve (.020 oversize)....................(C1 only) | as req. | |
| | | | B154485F (CWR-200322-Y-5) | B154485 | GUIDE, exhaust valve (.030 oversize)....................(C1 only) | as req. | |
| | G163-7006844 | 01-13 | 7006844 (CWR-202176) | | GUIDE, exhaust valve (standard)....................(C4 only) | 2 | |
| | | | (CWR-202176-Y-2) | | GUIDE, exhaust valve (.005 oversize O.D.)....................(C4 only) | as req. | |
| | | | (CWR-202176-Y-3) | | GUIDE, exhaust valve (.010 oversize O.D.)....................(C4 only) | as req. | |
| | | | (CWR-202176-Y-4) | | GUIDE, exhaust valve (.020 oversize O.D.)....................(C4 only) | as req. | |
| | | | (CWR-202176-Y-5) | | GUIDE, exhaust valve (.030 oversize O.D.)....................(C4 only) | as req. | |
| | G104-0100901 | 01-12 | B154486 (CWR-200324) | B154486 | GUIDE, intake valve (standard)....................(C1 only) | 9 | |
| | 2220-200324-Y-1 | | B154486B (CWR-200324-Y-1) | B154486 | GUIDE, intake valve (.003 oversize)....................(C1 only) | as req. | |
| | 2220-200324-Y-2 | | B154486C (CWR-200324-Y-2) | B154486 | GUIDE, intake valve (.005 oversize)....................(C1 only) | as req. | |
| | G104-1605506 | | B154486D (CWR-200324-Y-3) | B154486 | GUIDE, intake valve (.010 oversize)....................(C1 only) | as req. | |
| | 2220-200324-Y-4 | | B154486E (CWR-200324-Y-4) | B154886 | GUIDE, intake valve (.020 oversize)....................(C1 only) | as req. | |
| | G104-0100901 | | B154486F (CWR-200324-Y-5) | B154486 | GUIDE, intake valve (.030 oversize)....................(C1 only) | as req. | |
| | G163-7006843 | 01-13 | 7006843 (CWR-202175) | | GUIDE, intake valve (standard)....................(C4 only) | 9 | |
| | | | (CWR-202175-Y-2) | | GUIDE, intake valve (.005 oversize O.D.)....................(C4 only) | as req. | |
| | G163-7005778 | | 7005778 (CWR-202175-Y-3) | | GUIDE, intake valve (.010 oversize O.D.)....................(C4 only) | as req. | |
| | | | (CWR-202175-Y-4) | | GUIDE, intake valve (.020 oversize O.D.)....................(C4 only) | as req. | |
| | | | (CWR-202175-Y-5) | | GUIDE, intake valve (.030 oversize O.D.)....................(C4 only) | as req. | |
| | G104-0100903 | | B154524 (CWR-200450) | B154524 | GUIDE, valve tappet (exhaust 3-4-5-6-7, intake 4-5-6-7-8) (superseded by GUIDE, CWR-200582).................... | 10 | |
| | G104-0100902 | 01-17,18 | B154568 (CWR-200582) | B154568 | GUIDE, valve tappet, intake and exhaust (supersedes GUIDE, CWR-200450).... | 18 | |
| | | | (CWR-200582-Y-11) | | GUIDE, valve tappet, intake and exhaust (.002 oversize O.D.).................... | as req. | |
| | | | (CWR-200582-Y-1) | | GUIDE, valve tappet, intake and exhaust (.003 oversize O.D.).................... | as req. | |
| | G163-7008421 | 01-18 | 7008421 (CWR-202159) | | LOCK, exhaust valve spring washer....................(C4 only) | 18 | |
| | G104-0101100 | 01-17 | B158154 (CWR-200327) | B158154 | LOCK, half, exhaust valve upper spring washer....................(C1 only) | 18 | |
| | G104-0101110 | | B158148 (CWR-200315) | B158148 | LOCK, half, intake valve upper spring washer....................(C1 only) | 18 | |
| | | | (CWR-202158) | | LOCK, intake valve spring washer....................(C1 only) | 18 | |

| | | | | | |
|---|---|---|---|---|---|
| G104-2382842 | 01-12,13 | B154557<br>(CWR-200527) | B154557 | SEAT, exhaust valve (standard) | 9 |
| | | (CWR-200527-Y-1) | | SEAT, exhaust valve (.005 oversize O.D.) | as req. |
| | | (CWR-200527-Y-2) | | SEAT, exhaust valve (.010 oversize O.D.) | as req. |
| | | (CWR-200527-Y-3) | | SEAT, exhaust valve (.020 oversize O.D.) | as req. |
| | | (CWR-200527-Y-4) | | SEAT, exhaust valve (.030 oversize O.D.) | as req. |
| | | (CWR-200527-Y-5) | | SEAT, exhaust valve (.040 oversize O.D.) | as req. |
| G104-2382849 | 01-12,13 | B154484A<br>(CWR-200321) | B154484 | SEAT, intake valve (standard) | 9 |
| G104-2382844 | | B154484B<br>(CWR-200321-Y-1) | B154484 | SEAT, intake valve (.005 oversize O.D.) | as req. |
| G104-2382843 | | B154484C<br>(CWR-200321-Y-2) | B154484 | SEAT, intake valve (.010 oversize O.D.) | as req. |
| | | B154484D<br>(CWR-200321-Y-3) | B154484 | SEAT, intake valve (.020 oversize O.D.) | as req. |
| | | B154484E<br>(CWR-200321-Y-4) | B154484 | SEAT, intake valve (.030 oversize O.D.) | as req. |
| | | B154484F<br>(CWR-200321-Y-5) | B154484 | SEAT, intake valve (.040 oversize O.D.) | as req. |
| | | (CWR-200630) | | SPRING, valve, inner (superseded by SPRING, CWR-201954) | 18 |
| G104-2389823 | 01-17,18 | B207309<br>(CWR-201954) | B207309 | SPRING, valve, inner (supersedes SPRING, CWR-200630) (also part of SPRING SET, CWR-S-201954) | 18 |
| G104-0102740 | | B154580<br>(CWR-200615) | B154580 | SPRING, valve, intermediate (superseded by SPRING, CWR-201955) | 18 |
| G104-2389535 | 01-17,18 | B207310<br>(CWR-201955) | B207310 | SPRING, valve, intermediate (supersedes SPRING, CWR-200615) (also part of SPRING SET, CWR-S-201954) | 18 |
| G104-0102750 | | B154581<br>(CWR-200616) | B154581 | SPRING, valve, outer (superseded by SPRING, CWR-201956) | 18 |
| G104-2389822 | 01-17,18 | B207311<br>(CWR-201956) | B207311 | SPRING, valve, outer (supersedes SPRING, CWR-200616) (also part of SPRING SET, CWR-S-201954) | 18 |
| G104-7002557 | 01-18 | 7002557<br>(CWR-S-201954) | | SPRING SET, valve | 18 |
| | | | | (Consists of: | |
| G104-2389823 | | B207309<br>(CWR-201954) | B207309 | 1 SPRING, inner | |
| G104-2389535 | | B207310<br>(CWR-201955) | B207310 | 1 SPRING, intermediate | |
| G104-2389822 | | B207311<br>(CWR-201956) | B207311 | 1 SPRING, outer) | |
| G104-0103230 | 01-17 | B154575<br>(CWR-200604) | B154575 | VALVE, exhaust, engine (C1 only) | 9 |
| G163-7006841 | 01-18 | 7006841<br>(CWR-202161) | | VALVE, exhaust, engine (C4 only) | 9 |
| G163-7006840 | | 7006840<br>(CWR-202160) | | VALVE, intake, engine (C4 only) | 9 |
| G104-0103240 | | B154574<br>(CWR-200603) | B154574 | VALVE, intake, engine (superseded by VALVE, CWR-201878 and VALVE, CWR-202044) (C1 only) | 9 |
| G104-1827249 | | B207302<br>(CWR-201878) | B207302 | VALVE, intake, engine (optional with VALVE, CWR-202044) (supersedes VALVE, CWR-200603) (C1 only) | 9 |
| G104-1827248 | | B207318<br>(CWR-202044) | B207318 | VALVE, intake, engine (optional with VALVE, CWR-201878) (supersedes VALVE, CWR-200603) (C1 only) | 9 |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0103500 | 01-17 | A165362 (CWR-200524) | A165362 | WASHER, exhaust valve intermediate spring, lower ................ (C1 only) | 9 | |
| | G104-0103470 | 01-17 | A165299 (CWR-200410) | A165299 | WASHER, exhaust valve outer spring, lower ................ (C1 only) | 9 | |
| | G104-0103510 | 01-17 | A165400 (CWR-200617) | A165400 | WASHER, intake and exhaust valve spring, lower ................ (C1 only) | 18 | |
| | G163-7006815 | 01-18 | 7006815 (CWR-201733) | | WASHER, intake and exhaust valve spring, lower ................ (C4 only) | 18 | |
| | G104-0103480 | | B154556 (CWR-200525) | B154556 | WASHER, intake and exhaust valve spring, upper (superseded by WASHER, CWR-202065) ................ | 18 | |
| | G104-0103480 | 01-17,18 | B154556 (CWR-202065) | B154556 | WASHER, intake and exhaust valve spring, upper (supersedes WASHER, CWR-200525) ................ | 18 | |
| | G104-0103490 | | A165403 (CWR-200634) | A165403 | WASHER, intake valve outer and intermediate spring, lower ........ (C1 only) | 9 | |
| | | | | | **0105.2—VALVE LIFTS, PUSH RODS, ROCKERS AND TAPPETS** | | |
| | G104-0100020 | 01-17,18 | A165392 (CWR-200579) | A165392 | ADAPTER, retaining, valve tappet ................ | 18 | |
| | G104-3049292 | | (CWR-200446) | | ARM, exhaust valve rocker (used on engine serial No. 1 through 305029) (superseded by ARM, CWR-202134) ................ (C1 only) | 1 | |
| | G104-5599561 | 01-17,18 | C99561 (CWR-202134) | C99561 | ARM, exhaust valve rocker (used on engines serial No. 305029 and up) (supersedes ARM, CWR-200446) ................ | 1 | |
| | | | (CWR-202072) | | ARM, exhaust valve rocker, assembly (Includes: BEARING, HUB, NUT, PIN, ROLLER and SCREW) (used on engines serial No. 1 through 305029; replace with complete set) (superseded by ARM, CWR-202152) ................ | 9 | |
| | G104-1510333 | 01-17,18 | B207331 (CWR-202152) | B207331 | ARM, exhaust valve rocker, assembly (Includes: BEARING, HUB, NUT, PIN, ROLLER and SCREW) (used on engines serial No. 305029 and up; used for replacement on all previous engines) (supersedes ARM, CWR-202072) ........ | 9 | |
| | G104-2110456 | | (CWR-202153) | | ARM, exhaust valve rocker, assembly (Includes: HUB, PINS and ROLLER) (used on engines serial No. 305029 and up) ................ | 9 | |
| | 2220-200445 | | (CWR-200445) | | ARM, intake valve rocker (used on engines No. 1 through 305029) (superseded by ARM, CWR-202135) ................ (C1 only) | 1 | |
| | G104-5599569 | | C99569 (CWR-202135) | C99569 | ARM, intake valve rocker (used on engines No. 305029 and up) (supersedes ARM, CWR-200445) ................ | 1 | |
| | G104-0101973 | | B167545 (CWR-200776) | B167545 | ARM, intake valve rocker, assembly (Includes: BEARING, HUB, NUT, PIN, ROLLER and SCREW) (used on engines serial No. 1 through 305029; replace with complete set) (superseded by ARM, CWR-202154) ................ | 9 | |
| | G163-0110551 | | B207332 (CWR-202154) | B207332 | ARM, intake valve rocker, assembly (Includes: BEARING, HUB, NUT, PIN, ROLLER and SCREW) (used on engines serial No. 305029 and up; use for replacement on all previous engines) (supersedes ARM, CWR-200776) ........ | 9 | |
| | G104-2110455 | | (CWR-202155) | | ARM, intake valve rocker, assembly (Includes: HUB, PINS and ROLLERS) (used on engines serial No. 305029 and up) ................ | 9 | |
| H-12 | H012-0703021 | 01-17,18 | 703021 B167539 (CWR-200639) | B167539 | BEARING, roller (double row taper, .4720 bore, 1.260 O.D., 1.089 width) (rocker arm) ................ | 18 | |

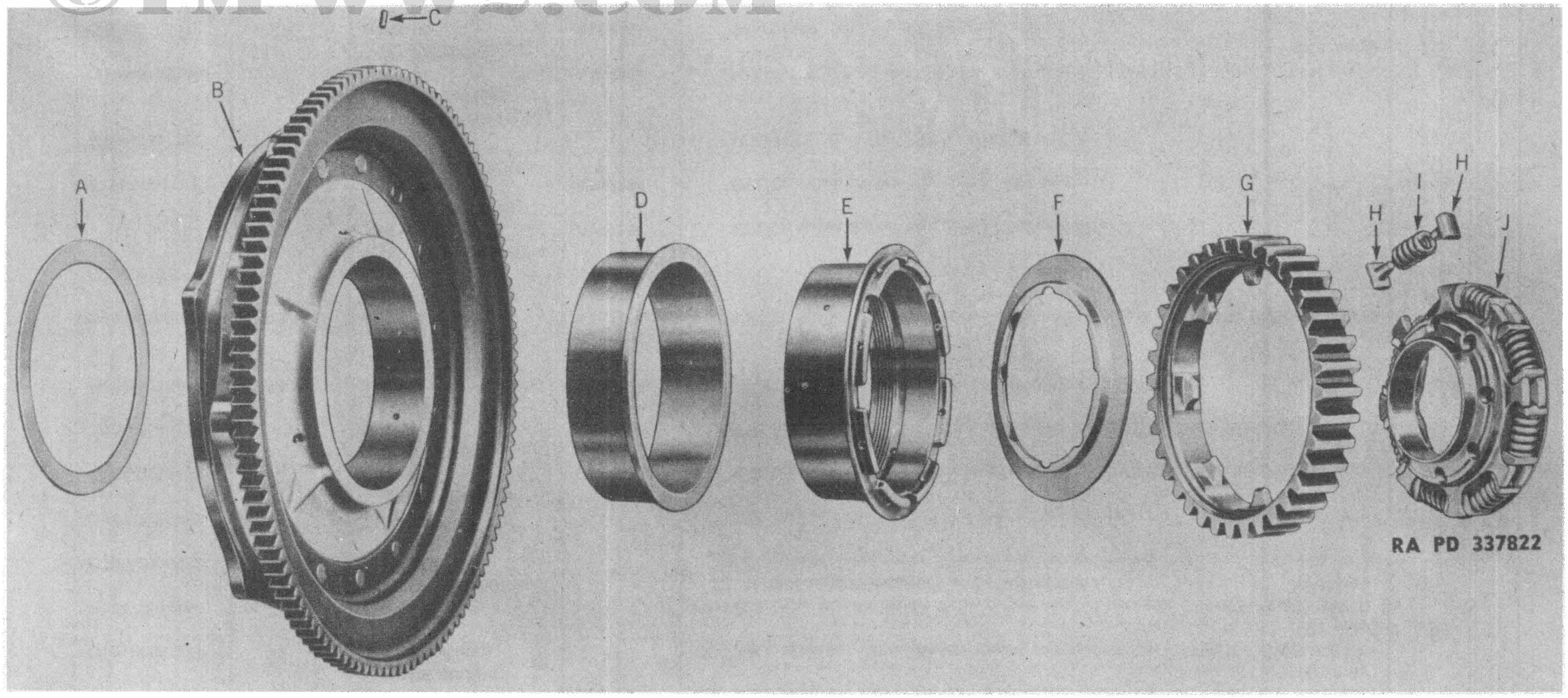



**FIGURE 01-19 — ENGINE CAM AND BEARINGS**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SPACER | CWR-200329 | 0105.3 |
| B | CAM, ass'y | CWR-202347 | 0105.3 |
| C | PIN | CWR-200140 | 0105.3 |
| D | BEARING | CWR-200561 | 0105.3 |
| E | SUPPORT | CWR-200328 | 0105.3 |
| F | RETAINER | CWR-200437 | 0102 |
| G | GEAR | CWR-200635 | 0102 |
| H | PIN | CWR-200636 | 0102 |
| I | SPRING | CWR-200640 | 0102 |
| J | HUB, ass'y | CWR-200753 | 0102 |

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# GROUP 01 — ENGINE

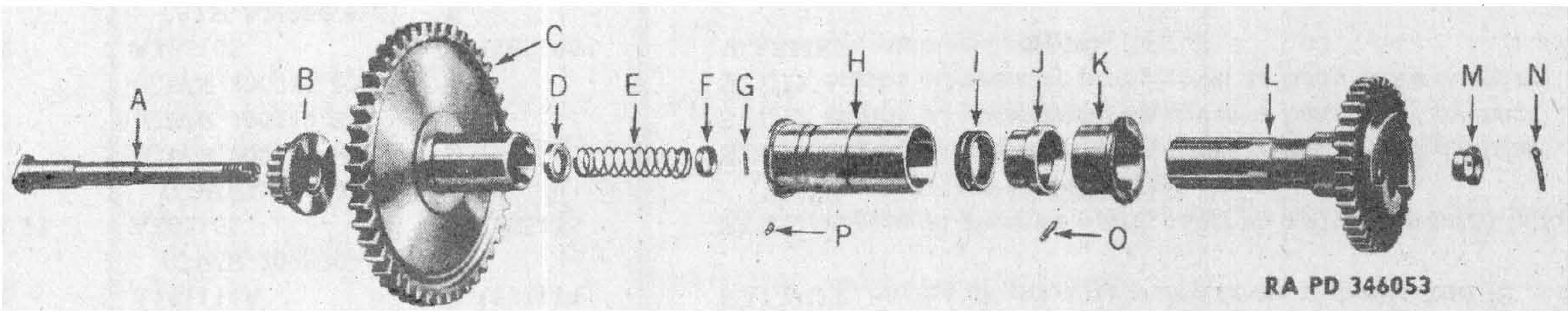
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0100220 | 01-17,18 | B154569 (CWR-200583) | B154569 | BOLT, valve rocker arm roller hub (special) | 18 | |
| | G104-0100370 | | A186583 (CWR-200299) | A186583 | CLAMP, valve push rod housing hose, upper and lower (superseded by CLAMP, CWR-200300) | 54 | |
| | G104-0100371 | 01-17,18 | A187693 (CWR-200300) | A187693 | CLAMP, valve push rod housing hose, upper and lower (supersedes CLAMP, CWR-200299) | 54 | |
| | G104-0100416 | 01-12,17,18 | A165390 (CWR-200576) | A165390 | CONNECTION, valve push rod housing | 18 | |
| | G163-7006986 | 01-13 | 7006986 (CWR-203294) | | COVER, exhaust valve rocker box (drain) (cylinder 3-4-6-7) (C4 only) | 4 | |
| | G163-7006984 | 01-4,6,13 | 7006984 (CWR-203292) | | COVER, exhaust valve rocker box (plain) (cylinders 1-2-5-8-9) (C4 only) | 5 | |
| | G104-0100461 | | C68783 (CWR-200632) | C68783 | COVER, exhaust valve rocker box (superseded by COVER, CWR-202336) (C1 only) | 9 | |
| | G104-2580227 | | (CWR-202061) | | COVER, exhaust valve rocker box (superseded by COVER, CWR-202336) (C1 only) | 9 | |
| | G104-7002367 | 01-5,12 | 7002367 (CWR-202336) | | COVER, exhaust and intake valve rocker box (supersedes COVER, CWR-200631, CWR-200632 CWR-202061 and CWR-202062) (C1 only) | 18 | |
| | G163-7006985 | 01-13 | 7006985 (CWR-203293) | | COVER, intake valve rocker box (drain) (cylinders 4-5-7-8) (C4 only) | 4 | |
| | G163-7006983 | 01-13 | 7006983 (CWR-203291) | | COVER, intake valve rocker box (plain) (cylinders 1-2-3-6-9) (C4 only) | 5 | |
| | G104-0100470 | | C68782 (CWR-200631) | C68782 | COVER, intake valve rocker box (superseded by COVER, CWR-202336). (C1 only) | 9 | |
| | G104-2580228 | | C99673 (CWR-202062) | C99673 | COVER, intake valve rocker box (superseded by COVER, CWR-202336). (C1 only) | 9 | |
| H-1 | H001-0718021 | 01-12,13 | 218563 (AIR-AN360-4) (CWR-200109) | | NUT, reg., hex., s-fin., S., ½-28NF-2 (BBBX1A) | 72 | |
| | G104-0100672 | 01-12,13 | A165154 (CWR-200211) | A165154 | STUD, valve rocker box cover (standard) (alloy-S., ¼-20NC (9/16) x 1 1/16 x ¼-28NF (7/16) | 72 | |
| | G104-0102790 | | A165154B (CWR-200211-H) | A165154 | STUD, valve rocker box cover (.003 oversize) | as req. | |
| | | | A165154C (CWR-200211-S) | A165154 | STUD, valve rocker box cover (.007 oversize) | as req. | |
| | 2220-200211J | | A165154D (CWR-200211-J) | A165154 | STUD, valve rocker box cover (.012 oversize) | as req. | |
| H-1 | H001-1517007 | 01-12 | 113114 (AIR-AN935-416L) (CWR-200164) | | WASHER, lock, lgt., S., ¼ (BECX2G) | 72 | |
| | G104-0103300 | 01-12 | A165104 (CWR-200151) | A165104 | WASHER, plain, valve rocker box cover stud (alloy-S., cd-pltd., 17/64 x ½ x 1/32) (C1 only) | 72 | |
| | G104-0103310 | 01-13 | A165105 (AIR-AN960-416) | A165105 | WASHER, valve rocker box cover stud (C4 only) | 72 | |

| | | | | | |
|---|---|---|---|---|---|
| G104-0100700 | 01-12 | B167540 (CWR-200695) | B167540 | GASKET, valve rocker box cover (.030 thk.) (also part of GASKET SETS, CWR-S-201468) (C1 only) | 18 |
| G163-7006832 | 01-13 | 7006832 (CWR-201789) | | GASKET, valve rocker box cover to cylinder head (also part of GASKET SETS, CWR-S-203497 and CWR-S-202919) (C4 only) | 18 |
| G104-0100922 | 01-17,18 | A190619 (CWR-200985) | A190619 | HOSE, valve push rod housing, lower (oil resisting, 31/32 I.D. x 1 17/64 O.D. x 2 long) (also part of GASKET SET, CWR-S-203497) | 18 |
| G104-0100910 | 01-17,18 | A165212 (CWR-200273) | A165212 | HOSE, valve push rod housing, upper (oil resisting, 27/32 I.D. x 1 3/32 O.D. x ¾ long) (also part of GASKET SET, CWR-S-203497) | 18 |
| G104-0100930 | | A165389 (CWR-200575) | A165389 | HOUSING, valve push rod (superseded by HOUSING, CWR-201860) | 18 |
| G104-1617728 | 01-5,6,17,18 | A247513 (CWR-201860) | A247513 | HOUSING, valve push rod (supersedes HOUSING, CWR-200575) | 18 |
| G104-0100960 | 01-17,18 | A165275 (CWR-200378) | A165275 | HUB, intake and exhaust valve rocker arm roller | 18 |
| G104-0101290 | 01-17,18 | A165378 (CWR-200540) | A165378 | NUT, valve rocker arm roller hub bolt (alloy-S., cd-pltd., 15/32, 20TPI (11/16 thk.) | 18 |
| G104-2382177 | 01-18 | A247553 (CWR-202133) | A247553 | NUT, valve clearance adjusting screw | 18 |
| G104-0102290 | 01-17,18 | A165394 (CWR-200581) | A165394 | OIL SEAL, valve tappet retaining adapter (rubber, 1.09 I.D. x 1¼ O.D. x .18 thk.) (also part of GASKET SETS, CWR-S-201468 and CWR-S-203497) | 18 |
| | | (AIR-AN380-4-3) | | PIN, cotter, split, low carbon steel, ⅛ x ¾ (valve rocker arm roller hub bolt nut) (C4 only) | 18 |
| G163-0338604 | | A165135A (CWR-200828) | A165135 | PIN, cotter, valve rocker arm roller hub bolt nut (split, S., cd-pltd., ⅛ x ⅝) | 18 |
| G104-0101460 | 01-17,18 | A165114 (CWR-200165) | A165114 | PIN, intake and exhaust valve rocker arm roller hub (stght., ni-molybdenum, S., ¼ x 23/32) | 18 |
| G104-0101500 | 01-17,18 | A165235 (CWR-200316) | A165235 | PIN, valve tappet roller (.373 diam. x .6825) | 18 |
| G104-0102000 | | A165338 (CWR-200479) | A165338 | ROD, push, valve, w/BALL END, assembly (superseded by ROD, CWR-202145) | 18 |
| G104-2373271 | 01-5,6,17,18 | A247556 (CWR-202145) | A247556 | ROD, push, valve, w/BALL END, assembly (supersedes ROD, CWR-200479) | 18 |
| G104-0102010 | 01-17,18 | A165274 (CWR-200377) | A165274 | ROLLER, intake and exhaust valve rocker arm | 18 |
| G104-0102020 | | A165269 (CWR-200366) | A165269 | ROLLER, valve tappet (superseded by ROLLER, CWR-201841) | 18 |
| G104-1773500 | 01-17,18 | A247506 (CWR-201841) | A247506 | ROLLER, valve tappet (supersedes ROLLER, CWR-200366) | 18 |
| G104-0102063 | | A165351 (CWR-200504) | A165351 | SCREW, clearance adjusting, valve (superseded by SCREW, CWR-202136) | 18 |
| G104-2382178 | 01-17,18 | B207126 (CWR-202136) | B207126 | SCREW, clearance adjusting, valve (supersedes SCREW, CWR-200504) | 18 |
| G104-0102412 | | (CWR-201335) | | SHIM, valve rocker arm bearing, thrust (.005 thk.) (C1 only) | as req. |
| G104-0102413 | | (CWR-201336) | | SHIM, valve rocker arm bearing, thrust (.010 thk.) (C1 only) | as req. |
| G104-0102411 | | (CWR-201334) | | SHIM, valve rocker arm bearing, thrust (.015 thk.) (C1 only) | as req. |
| G104-0102539 | | B154551 (CWR-200502) | B154551 | SOCKET, ball, valve tappet (superseded by SOCKET, CWR-201492) | 18 |
| G104-1788848 | 01-17,18 | B206681 (CWR-201492) | B206881 | SOCKET, ball, valve tappet (supersedes SOCKET, CWR-200502) | 18 |
| G104-0102760 | 01-17,18 | A165393 (CWR-200580) | A165393 | SPRING, valve tappet ball socket | 18 |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0103207 | 01-5,17 | B154578 (CWR-200608) | B154578 | TAPPET, valve . . . . . (C1 only) | 18 | |
| | G163-7006775 | 01-6,18 | 7006775 (CWR-202066) | | TAPPET, valve . . . . . (C4 only) | 18 | |
| | G104-0103440 | 01-17,18 | A165123 (CWR-200177) | A165123 | WASHER, valve rocker arm roller hub bolt (alloy-S., cd-pltd., 15/16 O.D., ⅛ thk.) (under head) . . . . . | 18 | |
| | G104-0103430 | 01-17,18 | A165368 (CWR-200530) | A165368 | WASHER, valve rocker arm hub bolt nut (alloy-S., cd-pltd., 15/16 O.D., 3/16 thk.) | 18 | |
| | | | | | **0105.3—CAM RING AND BEARINGS** | | |
| | G104-0100085 | 01-18 | B154565 (CWR-200561) | B154565 | BEARING, engine valve cam hub . . . . . | 1 | |
| | | | (CWR-200561-Y-10) | | BEARING, engine valve cam hub (.003 oversize O.D.) . . . . . | 1 | |
| | G104-7006836 | | 7006836 (CWR-201932) | | CAM, engine intake and exhaust valve . . . . . | 1 | |
| | G104-0100293 | | C66800 (CWR-200742) | C66800 | CAM, engine valve, w/HUB and BEARING, assembly (bolted hub) (superseded by CAM, CWR-202347) . . . . . (C1 only) | 1 | |
| | G104-1531497 | 01-5,6,19 | (CWR-202347) | | CAM, engine valve, w/HUB and BEARING, assembly (this cam (riveted hub) supersedes CAM, CWR-200742 beginning with engines serial No. 309485 and up) . . . . . | 1 | |
| | G104-7006863 | | 7006863 (CWR-202426) | | RIVET, engine valve cam to hub . . . . . | 15 | |
| | G104-1621078 | | B154566 (CWR-200562) | B154566 | HUB, engine valve cam . . . . . | 1 | |
| | G104-0102560 | 01-19 | C90163 (CWR-200329) | C90163 | SPACER, engine valve cam hub bearing . . . . . | 1 | |
| | G104-0103170 | 01-19 | B154487 (CWR-200328) | B154487 | SUPPORT, engine valve cam hub bearing . . . . . | 1 | |
| H-1 | H001-0811039 | | 121222 (AIR-AN380-3-3) (CWR-200825) | | PIN, cotter, split, S., cd-pltd., 3/32 x ¾ (BFAX1CE) . . . . . | 2 | |
| | G104-0101402 | 01-19 | A186573 (CWR-200140) | A186573 | PIN, valve cam hub bearing support (stght., al-bz., 3/16 x 7/16) . . . . . | 3 | |
| | | | | | **0106.11—OIL PUMPS** | | |
| | G104-0100010 | 01-21 | A165300 (CWR-200412) | A165300 | ADAPTER, engine oil temperature gage (for use with bulb type unit) . . (C1 only) | 1 | |
| | G104-2101801 | 01-22 | A248123 (CWR-202184) | A248123 | ADAPTER, engine oil temperature gage (for use with electrical type unit) . . . . . | 1 | |
| H-2 | H002-0100160 | 01-21,22 | 104921 (CWR-200113) | | BALL, chr-alloy-S., grade 2, 7/16 (engine oil pressure relief valve) (CCAX1F) . . . . | 1 | |
| | 2220-202486 | | (CWR-202486) | | BODY, engine oil pressure pump (superseded by BODY, CWR-203336) . . (C1 only) | 1 | |
| | G163-7006771 | 01-21,22 | 7006771 (CWR-203336) | | BODY, engine oil pressure pump (use on PUMPS, CWR-203338 and 202359) (supersedes BODY, CWR-202486) . . . . . | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | 2220-200492 | | C66777 (CWR-200492) | C66777 | BODY, engine oil pressure pump (use on PUMPS, CWR-202335 and 200469) ........(C1 only) | 1 |
| H-1 | H001-0811025 | | (CWR-200818) | | PIN, cotter, split, S., cd-pltd., 1/16 x ½ (BFAX1BE-1) ..........(C1 only) | 8 |
| | G104-3067021 | 01-21,22 | (CWR-202156) | | SCREW, engine oil pressure pump body to scavenger pump (fil-hd., chr-ni-S., cd-pltd., dld. f/lkg-wire., ¼-20NC-2 (⅝ x 1¾) (used on PUMPS, CWR-202338 and 202359) .......... | 4 |
| | G104-0102214 | | A165167 (CWR-200228) | A165167 | SCREW, engine oil pressure pump body to scavenger pump (used on PUMPS, CWR-202335 and 200469) ..........(C1 only) | 4 |
| | | | (CWR-202253) | | STUD, engine oil pressure pump body to scavenger pump cover (¼-20NC x 1-5/16 x ¼-28NF) .......... | 4 |
| | G104-0100160 | | B160043 (CWR-200700) | B160043 | BODY, engine oil pressure pump relief valve (used on PUMP, CWR-200469) ..........(C1 only) | 1 |
| | G104-1524071 | 01-21,22 | (CWR-202231) | | BODY, engine oil pressure pump relief valve (used on PUMPS, CWR-203338, 202359 and 202335) .......... | 1 |
| | | | (CWR-202350) | | BODY, engine oil scavenger pump (use with PUMP, CWR-202335) ....(C1 only) | 1 |
| | 2220-200523 | | E1713 (CWR-200523) | E1713 | BODY, engine oil scavenger pump (use with PUMP, CWR-200469) ....(C1 only) | 1 |
| | G104-7006842 | | 7006842 (CWR-202169) | | BODY, engine oil scavenger pump (use with PUMPS, CWR-202359 and 203338).. | 1 |
| H-1 | H001-0825304 | 01-21,22 | 113129 (CWR-200127) | | PIN, stght., br., .125 x ⅜ (BFDX6CE) .......... | 2 |
| | G104-0100300 | 01-21,22 | A165349 (CWR-200499) | A165349 | CAP, engine oil pressure relief valve .......... | 1 |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, engine oil pressure relief valve cap (.045 diam.) .......... | as req. |






## FIGURE 01-20 — ENGINE CAM AND CRANKING MOTOR DRIVE

| Key | Item | Part Number | Group | Key | Item | Part Number | Group | Key | Item | Part Number | Group |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A | BOLT | CWR-201809 | 0109.3 | G | PIN | CWR-200131 | 0109.3 | M | NUT | CWR-203675 | 0109.3 |
| B | PINION | CWR-200548 | 0109.3 | H | BUSHING | CWR-202406 | 0109.3 | N | PIN | AIR-AN380-3-4 | 0109.3 |
| C | GEAR | CWR-200550 | 0109.3 | I | OIL SEAL | CWR-201804 | 0109.3 | O | PIN | CWR-200127 | 0109.3 |
| D | WASHER | CWR-200173 | 0109.3 | J | RETAINER | CWR-201805 | 0109.3 | P | PIN | 113129 | 0109.3 |
| E | SPRING | CWR-200344 | 0109.3 | K | BUSHING | CWR-202408 | 0109.3 | | | | |
| F | RETAINER | CWR-200342 | 0109.3 | L | SHAFT | CWR-200568 | 0109.3 | | | | |

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# GROUP 01 — ENGINE

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0100460 | 01-5,21,22 | B154560<br>(CWR-200541) | B154560 | COVER, engine oil pressure pump body | 1 | |
| H-1 | H001-0718021 | 01-21,22 | 121902<br>A165066<br>(AIR-AN360-4)<br>(CWR-200109) | A165066 | NUT, hex., plain, alloy-S., cd-pltd., ¼-28NF-2 | 3 | |
| H-1 | H001-0726005 | 01-22 | 147508<br>AIR-356-428 | | NUT, lock, hex., S., cd-pltd., ¼-28 (BBSX6N) (C4 only) | 3 | |
| H-1 | H001-0726005 | 01-21 | A171114A<br>(CWR-200830) | A171114 | PALNUT, engine oil pressure pump cover to body stud (S., cd-pltd., ¼ in.) (C1 only) | 3 | |
| | G104-0102789 | 01-21,22 | A165155<br>(CWR-200212) | A165155 | STUD, engine oil pressure pump cover to body (standard) (alloy-S., ¼-20NC (17/32) x 1 3/16 x ¼-28NF (½) | 3 | |
| | | | (CWR-200212-H) | | STUD, engine oil pressure pump cover to body (.003 oversize) | as req. | |
| | | | (CWR-200212-S) | | STUD, engine oil pressure pump cover to body (.007 oversize) | as req. | |
| | | | (CWR-200212-J) | | STUD, engine oil pressure pump cover to body (.012 oversize) | as req. | |
| | G104-0103310 | 01-22 | A165105<br>(AIR-AN960-416) | A165105 | WASHER, plain, S., cd-pltd., ¼ (C4 only) | 3 | |
| | G104-0103270 | 01-21 | A165122<br>(CWR-200176) | A165122 | WASHER, plain, engine oil pressure pump cover to body stud (alloy-S., cd-pltd., ¼ x ½ x 3/64) (C1 only) | 3 | |
| | G104-0103538 | | A171107<br>(CWR-200202) | A171107 | WIRE, locking, engine oil pressure pump cover to body studs (chr-ni-S., .045 diam.) (C1 only) | as req. | |
| | G104-0100698 | 01-21,22 | A165360<br>(CWR-200519) | A165360 | GASKET, engine oil pressure pump body cover (vellumoid, 1/64 thk.) (also part of GASKET SETS, CWR-S-201468 and CWR-S-203497) | 1 | |
| | G104-0100692 | 01-21 | A190617<br>(CWR-201199) | A190617 | GASKET, engine oil pressure pump relief valve body (cop-asb., ¾ I.D. x 1 1/16 O.D. x 1/16 thk.) (also part of GASKET SET, CWR-S-201468) (C1 only) | 1 | |
| | G104-2688444 | 01-21,22 | (CWR-202194) | | GASKET, engine oil pressure pump to crankcase (use with PUMPS, CWR-203338 and CWR-202359) (also part of GASKET SETS, CWR-S-201468, CWR-S-202919 and CWR-S-203497) | 8 | |
| H-17 | H017-0105453 | 01-22 | (AIR-AN900-10) | | GASKET, engine oil pressure relief valve adjusting screw lock nut and relief valve cap to valve (also part of GASKET SETS, CWR-S-203497 and CWR-S-202919) (C4 only) | 2 | |
| H-17 | H017-0113897 | 01-22 | (AIR-AN900-12) | | GASKET, engine oil pressure relief valve body to pump (also part of GASKET SETS, CWR-S-203497 and CWR-S-202919) (C4 only) | 1 | |
| | G104-0100697 | | B154572<br>(CWR-200588) | B154572 | GASKET, engine oil pump to crankcase section (use with PUMPS, CWR-202335 and CWR-200469) (C1 only) | 1 | |
| | G163-7005766 | 01-22 | 7005766<br>(AIR-AN900-20) | | GASKET, engine oil temperature gage adapter (also part of GASKET SETS, CWR-S-203497 and CWR-S-202919) (C4 only) | 1 | |
| | G104-0100663 | 01-21 | A165101<br>(CWR-200148) | A165101 | GASKET, engine oil temperature gage adapter (cop-asb., 1¼ I.D. x 1½ O.D. x 5/64 thk.) (also part of GASKET SET, CWR-S-201468) (C1 only) | 1 | |
| | G104-0100668 | 01-21 | A189340<br>(CWR-200940) | A189340 | GASKET, engine oil temperature gage adapter plug and oil pressure relief valve cap and body (also part of GASKET SET, CWR-S-201468) (C1 only) | 3 | |
| | G104-0100830 | 01-21,22,32 | B154550<br>(CWR-200497) | B154550 | GEAR, engine oil pressure pump drive (bevel, 18 T) | 1 | |

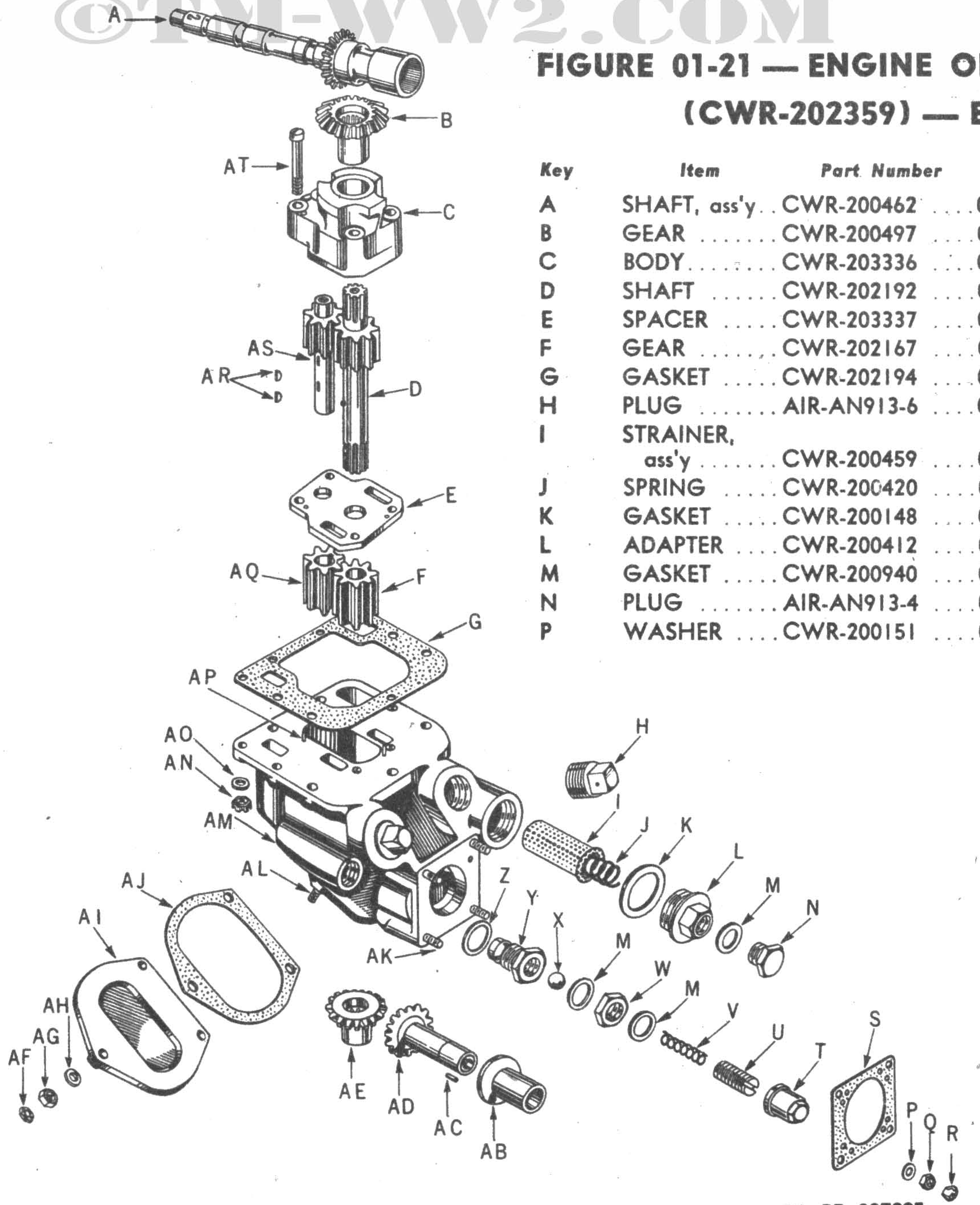
| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0100840 | | B154547 (CWR-200493) | B154547 | GEAR, engine oil scavenger pump, idler (use on PUMPS, CWR-202335 and 200469) ........ (C1 only) | 1 |
| | G104-0100820 | 01-21,22 | B154488 (CWR-200331) | B154488 | GEAR, engine oil suction pump, drive (7 T., .46 I.D., 1.11 O.D., 1¼ face) ........ | 1 |
| | G104-2692400 | 01-21,22 | (CWR-202167) | | GEAR, engine oil suction pump, idler (8 T., .59 I.D., 1.24 O.D., 1¼ face) (use on PUMPS, CWR-203338 and 202359) ........ | 1 |
| | G104-0101030 | 01-21,22 | A165074 (CWR-200118) | A165074 | KEY, Woodruff, engine oil pressure pump driven shaft (alloy-S., .094 x .141 x 5/16) (No. 00) ........ | 2 |
| | G104-0101250 | 01-21,22 | A165070 (CWR-200112) | A165070 | NUT, lock, engine oil pressure relief valve adjusting screw (hex., alloy-S., cd-pltd., 9/16-18NF-2) ........ | 1 |
| | G104-0101480 | | A165078 (CWR-200123) | A165078 | PIN, engine oil pressure pump body (use on PUMPS, CWR-202335 and 200469) ........ (C1 only) | 2 |
| | G104-2979806 | 01-21,22 | (CWR-202239) | | PIN, engine oil pressure pump body (stght., ⅛ x 43/64) (use on PUMPS, CWR-203328 and 202359) ........ | 2 |
| | G104-7006857 | | 7006857 (CWR-202393) | | PIN, retaining, engine oil pressure relief valve ball (stght., ⅛ x 27/32) (use on PUMPS, CWR-203338, 202359 and 202335) ........ | 1 |
| H-6 | H006-0541502 | 01-21,22 | (AIR-AN913-6) (CWR-201312) | | PLUG, engine oil pressure pump, inlet and outlet ........ | 2 |
| | | | (AIR-895-B101) | | PLUG, engine oil scavenger pump body ........ (C4 only) | 1 |
| H-6 | H006-0283215 | 01-21,22 | B7270TA (AIR-AN913-4) (CWR-200848) | B7270 | PLUG, engine oil temperature gage adapter ........ | 1 |
| | G163-7008416 | 01-8 | A165225B (AIR-AN-913-2) (CWR-200846) | A165225 | PLUG, pipe, main section crankcase oil sump (br., sq-hd., dld. f/lkg-wire., ¼-18NPT) ........ (C1 only) | 1 |
| | G104-7006877 | 01-22 | 7006877 (CWR-202572) | | PLUNGER, engine oil pressure relief valve (use on PUMPS, CWR-203338, 202359 and 202335) ........ | 1 |
| | | | (CWR-203491) | | PUMP, oil, engine, assembly (Includes: ADAPTER, BALL, BODY, CAP, COVER, GASKETS, GEARS, KEY, NUTS, PLUNGER, PLUGS, PUMP assembly CWR-203339, SCREW, SHAFTS, SPRINGS, STRAINER, WASHERS and WIRE) ........ (C4 only) | 1 |
| | G104-0101735 | | A171028 (CWR-200469) | A171028 | PUMP, oil, engine, assembly (Includes: PUMP assembly CWR-202348, and governor drive SHAFT assembly) (used on eninges serial No. 1 through 303222 with 3/16 in. thk. spacer) (superseded by PUMP, CWR-202335) ........ (C1 only) | 1 |
| | | | (CWR-203338) | | PUMP, oil, engine, assembly (Includes: PUMP assembly CWR-203339 and governor drive SHAFT assembly) (used on engines serial No. 311949 and up; interchangeable with PUMPS, CWR-202335 and 200469, optional with PUMP, CWR-202359, uses 0.56 in. thk. spacer) ........ (C1 only) | 1 |
| | G104-2345850 | | (CWR-202335) | | PUMP, oil, engine, assembly (Includes: PUMP assembly CWR-202348 and governor drive SHAFT assembly) (used on engines serial No. 303223 and up; interchangeable with PUMP assembly CWR-200469 and uses 3/16 in. thk. spacer. This pump has 4 pronged type pressure relief valve body) (superseded by PUMP, CWR-202359) ........ (C1 only) | 1 |
| | G104-0101747 | | B154539 (CWR-200468) | B154539 | PUMP, oil, engine, machining assembly (Includes: PUMP CWR-200467) (use with PUMP, CWR-200469) ........ (C1 only) | 1 |
| | | | (CWR-202348) | | PUMP, oil, engine, machining assembly (Includes: PUMP CWR-202349) (use with PUMP, CWR-202335) ........ (C1 only) | 1 |
| | | | (CWR-202360) | | PUMP, oil, engine, machining assembly (Includes: PUMP assembly CWR-202361) (use with PUMP, CWR-202359) ........ (C1 only) | 1 |
| | | | (CWR-203339) | | PUMP, oil, engine, machining assembly (Includes: PUMP assembly CWR-202361) (use with PUMP, CWR-203338) ........ | 1 |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-2994152 | 01-21 | (CWR-202359) | | PUMP, oil, engine, assembly (Includes: PUMP assembly CWR-202360 and governor drive SHAFT assembly) (Effective with engine No. 311949; interchangeable with PUMPS, CWR-202335 and 200469, optional with PUMP, CWR-202338, uses 0.56 in. thk. spacer)....(C1 only) | 1 | |
| | G038-0127975 | | B154536 (CWR-200467) | B154536 | PUMP, oil scavenger, engine, w/STUDS, assembly (use with PUMP, CWR-200469)....(C1 only) | 1 | |
| | | | (CWR-202349) | | PUMP, oil scavenger, engine, w/STUDS, assembly (use with PUMP, CWR-202335)....(C1 only) | 1 | |
| | G104-7006779 | 01-21,22 | 7006779 (CWR-202361) | | PUMP, oil scavenger, engine, w/STUDS, assembly (use with PUMPS, CWR-202359 and 203338).... | 1 | |
| H-1 | H001-0726005 | | 147508 (AIR-356-428) | | NUT, lock, hex., S., cd-pltd., ¼-28 (BBSX6N)....(C4 only) | 8 | |
| | | | (AIR-AN360-4) | | NUT, hex., S., ¼-28NF-3....(C4 only) | 8 | |
| | G104-0101310 | 01-21 | A165058 (CWR-200101) | A165058 | NUT, engine oil pump to crankcase section stud (acorn, alloy-S., cd-pltd., ¼-28NF-2)....(C1 only) | 8 | |
| | 0850-203317 | 01-11 | (CWR-203317) | | STUD, engine oil pump to crankcase section (alloy-S., ¼-28NF-3 (.54) x 1.81 x ¼-20NC (.61) (special) (standard)....(C4 only) | 8 | |
| | 2220-203317H | | (CWR-203317-H) | | STUD, engine oil pump to crankcase section (.003 oversize)....(C4 only) | as req. | |
| | | | (CWR-203317-S) | | STUD, engine oil pump to crankcase section (.007 oversize)....(C4 only) | as req. | |
| | | | (CWR-203317-J) | | STUD, engine oil pump to crankcase section (.012 oversize)....(C4 only) | as req. | |
| | 2220-202252 | 01-10 | (CWR-202252) | | STUD, engine oil pump to crankcase section (standard) (¼-20NC (¾) x 2 41/64 x ¼-28NF (11/16)....(C1 only) | 8 | |
| | G163-7005780 | | 7005780 (CWR-202252-H) | | STUD, engine oil pump to crankcase section (.003 oversize)....(C1 only) | as req. | |
| | | | (CWR-202252-S) | | STUD, engine oil pump to crankcase section (.007 oversize)....(C1 only) | 8 | |
| | | | (CWR-202252-J) | | STUD, engine oil pump to crankcase section (.012 oversize)....(C1 only) | 8 | |
| | G104-0103310 | 01-21 | A165105 (AIR-AN-960-416) (CWR-200152) | A165105 | WASHER, plain, alloy-S., cd-pltd., 17/64 x ½ x 1/16.... | 8 | |
| | G104-0102210 | 01-21,22 | A165348 (CWR-200498) | A165348 | SCREW, adjusting, engine oil pressure pump relief valve (slotted, S., 9/16-18NF-3 x 1 3/16).... | 1 | |
| | G104-7006845 | | 7006845 (CWR-202272) | | SEAT, ball, engine oil pressure pump relief valve (used on PUMPS, CWR-203338, 202359 and 202335).... | 1 | |
| | G104-1784615 | | C99670 (CWR-201842) | C99670 | SHAFT, engine oil pressure pump, drive (use on PUMPS, CWR-202335 and 200469 having a 3/16 in. thk. spacer)....(C1 only) | 1 | |
| | G104-1784615 | 01-21,22 | (CWR-202192) | | SHAFT, engine oil pressure pump, drive (use on PUMPS, CWR-203338 and 202359 having a 0.56 in. thk. spacer).... | 1 | |
| | G104-0102318 | | C75784 (CWR-200494) | C75784 | SHAFT, engine oil pressure pump, driven (use on PUMPS, CWR-202335 and 200469 having a 3/16 in. thk. spacer)....(C1 only) | 1 | |
| | G104-3072006 | 01-21,22 | (CWR-202165) | | SHAFT, engine oil pressure pump, driven (use on PUMPS, CWR-203338 and 202359 having a 0.56 in. thk. spacer).... | 1 | |
| | | | (CWR-202168) | | SPACER, engine oil pump gears (superseded by SPACER, CWR-203337) (C1 only) | 1 | |
| | G163-7006980 | 01-21,22 | 7006980 (CWR-203337) | | SPACER, engine oil pump gear (0.56 in. thk.) (use on PUMPS, CWR-203338 and 202359) (supersedes SPACER, CWR-202168)....(C1 only) | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | 2220-200495 | | B154549 (CWR-200495) | B154549 | SPACER, engine oil pump gear (3/16 in. thk.) (use on PUMPS, CWR-203335 and 200469)........(C1 only) | 1 |
| | G104-2389837 | 01-21,22 | A246136 (CWR-201447) | A246136 | SPRING, engine oil pressure pump relief valve........ | 1 |
| | G104-0102690 | 01-21,22 | A165304 (CWR-200420) | A165304 | SPRING, engine oil pressure pump suction strainer........ | 1 |
| | G104-0102780 | 01-21,22 | A165333 (CWR-200459) | A165333 | STRAINER, engine oil pressure pump, w/PLATE, assembly........ | 1 |
| | G104-0103310 | | A165105 (AIR-AN960-416) | A165105 | WASHER, plain, engine oil pressure pump to cover scavenger pump screw (S., cd-pltd., ¼ in.)........(C4 only) | 4 |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, lock, engine oil pressure pump to scavenger pump screw (.045 diam.)........(C4 only) | as req. |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, engine oil temperature gage adapter plug (.045 diam.)........ | as req. |

## 0106.15—SCAVENGER PUMP

| | | | | | | |
|---|---|---|---|---|---|---|
| | 2220-200655 | 01-25 | C68787 (CWR-200655) | C68787 | COVER, oil scavenger pump........(C1 only) | 1 |
| | G104-1784741 | 01-25 | A171166 (CWR-200762) | A171166 | COVER, oil scavenger pump, w/idler gear SHAFT, assembly........(C1 only) | 1 |
| | G104-0100841 | 01-25 | C68784 (CWR-200651) | C68784 | GEAR, drive, oil scavenger pump (41 T., .356 O.D., .31 face)........(C1 only) | 1 |
| | G104-0101320 | 01-25 | A165063 (CWR-200107) | A165063 | NUT, acorn, oil scavenger pump drive gear (alloy-S., cd-pltd., ⅜-24NF-2)........(C1 only) | 1 |
| | G163-0338605 | | A165134C (CWR-200824) | A165134 | PIN, cotter, engine oil scavenger pump drive gear nut (split, S., cd-pltd., 3/32 x ⅝)........(C1 only) | 1 |
| | G104-0103355 | 01-25 | A171103 (CWR-200175) | A171103 | WASHER, oil scavenger pump drive gear nut (beveled, S., 25/64 x 25/32 x .10)........(C1 only) | 1 |
| | G104-0100842 | 01-25 | B158127 (CWR-200330) | B158127 | GEAR, idler, oil scavenger pump (7 T., .046 I.D., 1.11 O.D., 13/16 face)..(C1 only) | 1 |
| | G104-1617741 | | C68786 (CWR-200654) | C68786 | HOUSING, oil scavenger pump (superseded by HOUSING, CWR-202024)........(C1 only) | |
| | 2220-202024 | 01-25 | (CWR-202024) | | HOUSING, oil scavenger pump (supersedes HOUSING, CWR-200654)..(C1 only) | 1 |
| | G104-0101422 | 01-25 | A171097 (CWR-200137) | A171097 | PIN, engine oil scavenger pump housing (stght., S., 3/16 x 11/32)......(C1 only) | 2 |
| H-6 | H006-0283215 | | B7270TA (AIR-AN913-4) (CWR-200848) | B7270 | PLUG, pipe, oil scavenger pump outlet (br., sq-hd., dld., ½-14NPT)...(C1 only) | 1 |
| | 2220-200770 | | A171074 (CWR-200770) | A171074 | PUMP, oil scavenger, assembly (Includes: GEARS, NUT, PIN, PUMP assembly CWR-200761, SHAFT and WASHER)........(C1 only) | 1 |
| | G104-0101746 | 01-5 | B158132 (CWR-200761) | B158132 | PUMP, oil scavenger, assembly (Includes: COVER assembly, HOUSING and PIN)........(C1 only) | 1 |
| | G104-0101309 | 01-25 | A171092 (CWR-200102) | A171092 | NUT, acorn, oil scavenger pump to crankcase studs (alloy-S., cd-pltd., ¼-28NF-2)........(C1 only) | 4 |
| H-1 | H001-0811025 | | 103361 (CWR-200818) | | PIN, cotter, split, S., 1/16 x ½ (BFAX1BC)........(C1 only) | 4 |
| | G104-0103146 | 01-8 | A171117 (CWR-200248) | A171117 | STUD, engine oil scavenger pump to crankcase (standard) (alloy-S., dld. f/c-pin., ¼-20NC (1/16) x 1 13/16 x ¼-28NF (½)........(C1 only) | 4 |
| | G104-0102782 | | A171117B (CWR-200248-H) | A171117 | STUD, oil scavenger pump to crankcase (.003 oversize)........(C1 only) *(Cont)* | as req. |

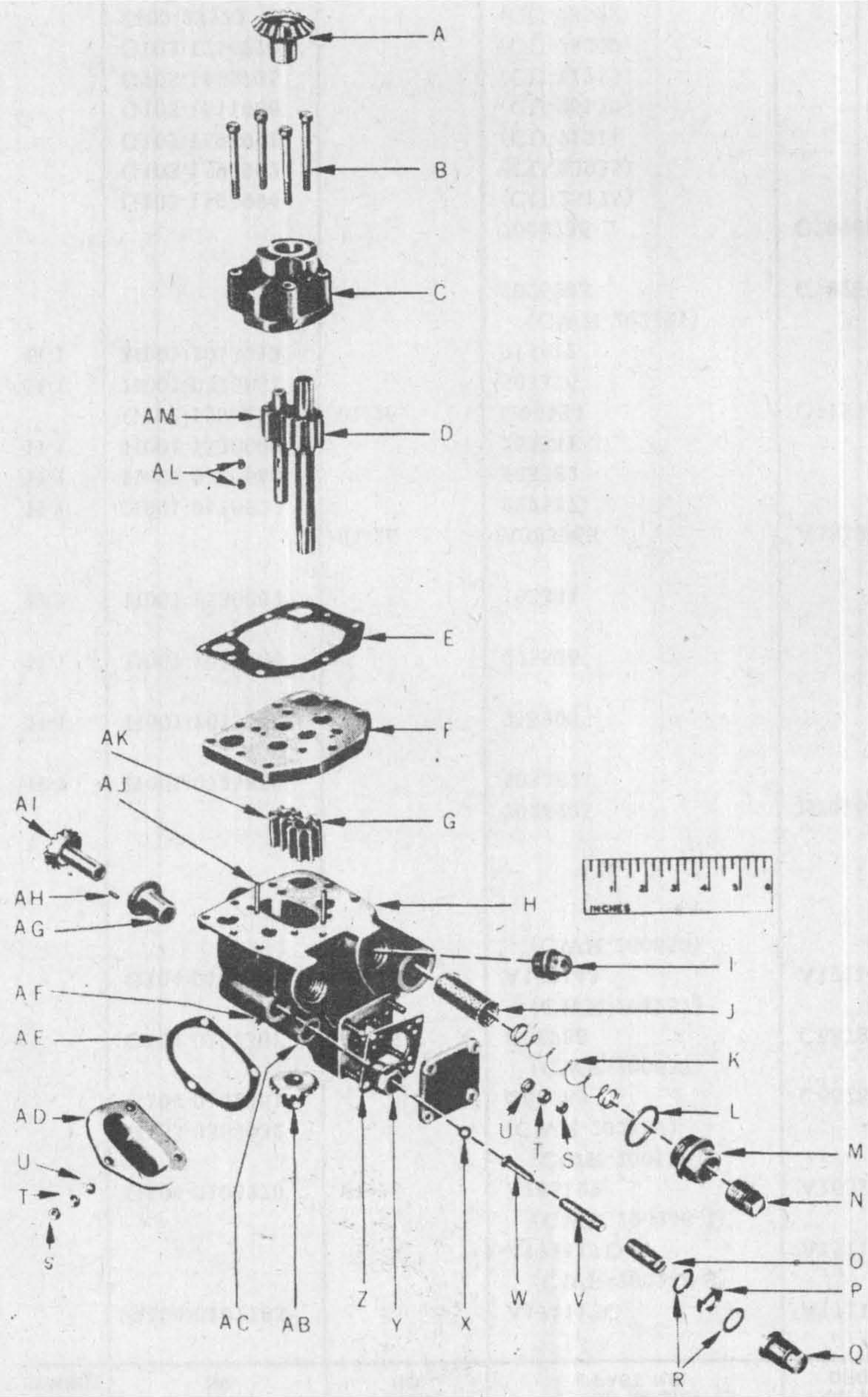


RA PD 337825

# FIGURE 01-21 — ENGINE OIL PRESSURE PUMP ASSEMBLY (CWR-202359) — EXPLODED VIEW (C1)

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SHAFT, ass'y | CWR-200462 | 0109.4 |
| B | GEAR | CWR-200497 | 0106.11 |
| C | BODY | CWR-203336 | 0106.11 |
| D | SHAFT | CWR-202192 | 0106.11 |
| E | SPACER | CWR-203337 | 0106.11 |
| F | GEAR | CWR-202167 | 0106.11 |
| G | GASKET | CWR-202194 | 0106.11 |
| H | PLUG | AIR-AN913-6 | 0106.11 |
| I | STRAINER, ass'y | CWR-200459 | 0106.11 |
| J | SPRING | CWR-200420 | 0106.11 |
| K | GASKET | CWR-200148 | 0106.11 |
| L | ADAPTER | CWR-200412 | 0106.11 |
| M | GASKET | CWR-200940 | 0106.11 |
| N | PLUG | AIR-AN913-4 | 0106.11 |
| P | WASHER | CWR-200151 | 0308 |
| Q | NUT | 218563 | 0308 |
| R | PALNUT | 147508 | 0308 |
| S | GASKET | CWR-200672 | 0308 |
| T | CAP | CWR-200499 | 0106.11 |
| U | SCREW | CWR-200498 | 0106.11 |
| V | SPRING | CWR-201447 | 0106.11 |
| W | NUT | CWR-200112 | 0106.11 |
| X | BALL | 104921 | 0106.11 |
| Y | BODY | CWR-202231 | 0106.11 |
| Z | GASKET | CWR-201199 | 0106.11 |
| AB | BUSHING | CWR-200496 | 0106.11 |
| AC | PIN | 113129 | 0106.11 |
| AD | SHAFT, ass'y | CWR-200466 | 0308 |
| AE | GEAR | CWR-200520 | 0308 |
| AF | PALNUT | CWR-200830 | 0106.11 |
| AG | NUT | 121902 | 0106.11 |
| AH | WASHER | CWR-200176 | 0106.11 |
| AI | COVER | CWR-200541 | 0106.11 |
| AJ | GASKET | CWR-200519 | 0106.11 |
| AK | STUD | CWR-200253 | 0308 |
| AL | STUD | CWR-200212 | 0106.11 |
| AM | PUMP, ass'y | CWR-202361 | 0106.11 |
| AN | NUT | CWR-200101 | 0106.11 |
| AO | WASHER | AIR-AN-960-416 | 0106.11 |
| AP | PIN | CWR-202239 | 0106.11 |
| AQ | GEAR | CWR-200331 | 0106.11 |
| AR | KEY | CWR-200118 | 0106.11 |
| AS | SHAFT | CWR-202165 | 0106.11 |
| AT | SCREW | CWR-202156 | 0106.11 |

RA PD 337825E




RA PD 300821

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | GEAR | CWR-200497 | 0106.11 |
| B | SCREW | CWR-202156 | 0106.11 |
| C | BODY | CWR-203336 | 0106.11 |
| D | SHAFT | CWR-202192 | 0106.11 |
| E | GASKET | CWR-202194 | 0106.11 |
| F | SPACER | CWR-203337 | 0106.11 |
| G | GEAR | CWR-202167 | 0106.11 |
| H | PUMP, ass'y | CWR-202361 | 0106.11 |
| I | PLUG | AIR-AN913-6 | 0106.11 |
| J | STRAINER, ass'y | CWR-200459 | 0106.11 |
| K | SPRING | CWR-200420 | 0106.11 |
| L | GASKET | AIR-AN900-20 | 0106.11 |
| M | ADAPTER | CWR-202184 | 0106.11 |
| N | PLUG | AIR-AN913-4 | 0106.11 |
| O | SCREW | CWR-200498 | 0106.11 |
| P | NUT | CWR-200112 | 0106.11 |
| Q | CAP | CWR-200499 | 0106.11 |
| R | GASKET | AIR-AN900-10 | 0106.11 |
| S | NUT | AIR-356-428 | 0106.11<br>0308 |
| T | NUT | 121902 | 0106.11<br>0308 |
| U | WASHER | AIR-AN960-416 | 0106.11<br>0308 |
| V | SPRING | CWR-201447 | 0106.11 |
| W | PLUNGER | CWR-202572 | 0106.11 |
| X | BALL | 104921 | 0106.11 |
| Y | BODY | CWR-202231 | 0106.11 |
| Z | GASKET | CWR-200672 | 0308 |
| AB | GEAR | CWR-200520 | 0308 |
| AC | GASKET | AIR-AN900-12 | 0106.11 |
| AD | COVER | CWR-200541 | 0106.11 |
| AE | GASKET | CWR-200519 | 0106.11 |
| AF | STUD | CWR-200212 | 0106.11 |
| AG | BUSHING | CWR-200496 | 0106.11 |
| AH | PIN | 113129 | 0106.11 |
| AI | SHAFT, ass'y | CWR-200466 | 0308 |
| AJ | PIN | CWR-202239 | 0106.11 |
| AK | GEAR | CWR-200331 | 0106.11 |
| AL | KEY | CWR-200118 | 0106.11 |
| AM | SHAFT | CWR-202165 | 0106.11 |

RA PD 300821C

**FIGURE 01-22 — ENGINE OIL PUMP — EXPLODED VIEW (C4)**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| | G104-0102783 | | A171117C (CWR-200248-S) | A171117 | STUD, oil scavenger pump to crankcase (.007 oversize)..........(C1 only) | as req. | |
| | | | A171117D (CWR-200248-J) | A171117 | STUD, oil scavenger pump to crankcase (.012 oversize)..........(C1 only) | as req. | |
| | G104-0103270 | 01-25 | A165122 (CWR-200176) | A165122 | WASHER, plain, oil scavenger pump to crankcase stud (alloy-S., cd-pltd., 17/64 x ½ x 3/64)..........(C1 only) | 4 | |
| | G163-0369932 | | (CWR-202362) | | RING, packing, oil scavenger pump housing to crankcase..........(C1 only) | 1 | |
| | G104-0102361 | | C68788 (CWR-200657) | C68788 | SHAFT, drive, oil scavenger pump, w/GEAR, assembly (superseded by SHAFT, CWR-202237)..........(C1 only) | 1 | |
| | G104-0102361 | 01-25 | C68788 (CWR-202237) | C68788 | SHAFT, drive, oil scavenger pump, w/GEAR, assembly (supersedes SHAFT, CWR-200657)..........(C1 only) | 1 | |
| | G104-0102362 | 01-25 | A171143 (CWR-200656) | A171143 | SHAFT, oil scavenger pump idler gear..........(C1 only) | 1 | |
| | | | | | **0106.2—OIL FILTER** | | |
| | | | 7026225 | B7026225 | BRACKET, oil filter (used with FILTER, 7026236).......... | 2 | |
| H-1 | H001-0725853 | | 503382 | | NUT, safety, S., ⅜-24NF-3 (engine oil filter bracket clamping screw (2), bracket to hull bolt (4) (BBWX1CA).......... | 6 | |
| H-1 | H001-1013246 | | 215993 | | SCREW, cap, hex-hd., S., ⅜-24NF-2 x 1¼ (engine oil filter bracket to hull (BCBX1CD).......... | 4 | |
| H-1 | H001-1026600 | | 225536 | | SCREW, mach., oval-fil-hd., S., ⅜-24NF-2 x 2¼ (engine oil filter bracket clamping) (BCGX1.1FS).......... | 2 | |
| H-1 | H001-1530009 | | 103341 | | WASHER, plain, S., SAE std., ⅜ (engine oil filter bracket to hull bolt) (BEBX1K).......... | 4 | |
| | | 01-26 | A383368 | A383368 | CLAMP, engine oil filter.......... | 1 | |
| H-1 | H001-0116027 | | 227517 | | BOLT, hex-hd., s-fin., alloy-S., ⅜-16NC-2 x 1¼ (BANX1CD).......... | 4 | |
| H-1 | H001-0725660 | | 503382 | | NUT, safety, S., ⅜-24NF-3 (BBWX1CA).......... | 4 | |
| H-1 | H001-1530009 | | 103341 | | WASHER, plain, S., SAE std., ⅜ (BEBX1K).......... | 4 | |
| | G103-1583050 | 01-26 | C95134 | C91534 | FILTER, engine oil, assembly (Cuno) (used on vehicle 1 to 800).......... | 1 | |
| H-1 | H001-0725851 | | 503376 | | NUT, safety, S., ¼-28NF-3 (BBWX1AA).......... | 2 | |
| H-1 | H001-1013213 | | 215912 (CWR-202791) | | SCREW, cap, fl-hd., S., ¼-28NF-2 x ¾ (BCBX1AA).......... | 2 | |
| | | | 7026235 | C7026235 | FILTER, engine oil, w/BRACKET, assembly (Purolator type G199J) (used on vehicle 801 and up).......... | 1 | |
| | | | 7026236 | C7026236 | FILTER, engine oil, assembly (Purolator type G199J) (used on vehicle 801 and up) | 1 | |
| | G103-1593994 | | (CU-25175) | | GASKET, oil filter motor adapter.......... | 1 | |
| | G103-1593992 | | (CU-23935) | | GASKET, oil filter sump drain plug.......... | 1 | |
| | G103-1593991 | | (CU-7121) | | GASKET, oil sump to motor adapter head.......... | 1 | |
| | G103-1611406 | | (CU-25170) | | HEAD, oil filter motor adapter.......... | 1 | |
| | G103-1695725 | | (CU-11715) | | MOTOR, hydraulic, oil filter, w/CARTRIDGE, assembly.......... | 1 | |
| | G103-1714779 | | (CU-25209) | | NUT, oil filter motor mounting stud.......... | 3 | |
| | 2400-23522 | | (CU-23522) | | PALNUT, oil filter motor mounting stud.......... | 3 | |
| | G103-1792046 | | (CU-25180) | | STUD, oil filter motor mounting.......... | 3 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G103-1842792 | | (CU-23670) | | WASHER, oil filter motor mounting stud | 3 |
| | G104-7000180 | | (CU-20234) | | NUT, manual turning, oil filter (special) | 1 |
| | G103-1714776 | | (CU-7613) | | NUT, oil filter cartridge to motor rod | 2 |
| | G103-1740561 | | (CU-22149) | | PLUG, oil filter sump drain | 1 |
| | G103-1781822 | | (CU-25110) | | SCREW, oil filter sump to head | 10 |
| | G103-1789634 | | (CU-22921) | | SPRING, oil filter relief valve (20 lb.) | 1 |
| | G125-0194023 | | (CU-25770) | | VALVE, poppet, oil filter relief | 1 |
| | 2400-21864 | | (CU-21864) | | WASHER, tab, oil filter cartridge to motor rod nut | 2 |
| | G103-1842764 | | (CU-25107) | | WASHER, tab, oil filter sump to head screw | 10 |

## 0106.3—OIL COOLER

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-1501856 | | A244947 | A244947 | ADAPTER, engine oil cooler, short | 1 |
| H-1 | H001-0116166 | | 223955 | | BOLT, hex-hd., s-fin., alloy-S., ¼-28NF-2 x ⅝ (BAOX4AB) | 2 |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., ¼ in. (BECX1G) | 2 |
| | G104-0100037 | | A223001 | A223001 | ANGLE, engine oil cooler to bulkhead, right (upper and lower) | 2 |
| | G104-0100035 | 01-26 | A222998 | A222998 | ANGLE, engine oil cooler to bulkhead, left (upper and lower) | 2 |
| H-1 | H001-1013212 | | 216253 | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ½ (BCBX5B) | 4 |
| H-1 | H001-1519009 | | 115547 | | WASHER, lock, internal teeth, reg., S., ¼ (BEAX1H) | 4 |
| | G104-7009202 | 01-26 | D81039B | D81039 | COOLER, oil, engine, assembly | 1 |
| H-1 | H001-0725640 | | 503338<br>(CWR-202792) | | NUT, safety, S., ¼-28NF-3 (BBSX4AA) | 8 |
| H-1 | H001-1013213 | | 215912<br>(CWR-202791) | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ¾ (BCBX1AA) | 8 |
| | G104-1582895 | | A222997C | A222997 | FILLER, engine oil cooler, long (felt) | 2 |
| | G104-0302187 | | A222997A | A222997 | FILLER, engine oil cooler, short (felt) | 2 |
| | G104-1593743 | | A244969 | A244969 | GASKET, adapter, engine oil cooler (compressed asbestos) | 1 |
| | G104-5383405 | | A383405 | A383405 | GASKET, engine oil cooler pressure relief valve | 1 |
| | G104-0302755 | 01-26 | C85088 | C85088 | GUARD, engine oil cooler to bulkhead | 1 |
| H-1 | H001-1013212 | | 216253 | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ½ (BCBX5B) | 6 |
| H-1 | H001-0103214 | | 215913 | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ⅞ (BCBX1AB) | 6 |
| H-1 | H001-1519009 | | 103340 | | WASHER, lock, internal teeth, reg., S., ¼ (BEAX1H) | 6 |
| | | | (HRD-8504694) | | THERMOSTAT, pressure relief, engine oil cooler | 1 |
| | G104-7008961 | 01-26 | B297557B | B297557 | VALVE, pressure relief, engine oil cooler | 1 |
| H-1 | H001-0116166 | | 223956 | | BOLT, hex-hd., s-fin., alloy-S., ¼-28NF-2 x ⅝ (BAOX4AB) | 5 |
| H-1 | H001-0116175 | | 223580 | | BOLT, hex-hd., s-fin., alloy-S., ¼-28NF-2 x 2¼ (BAOX1AH) | 1 |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., ¼ (BECX1G) | 6 |

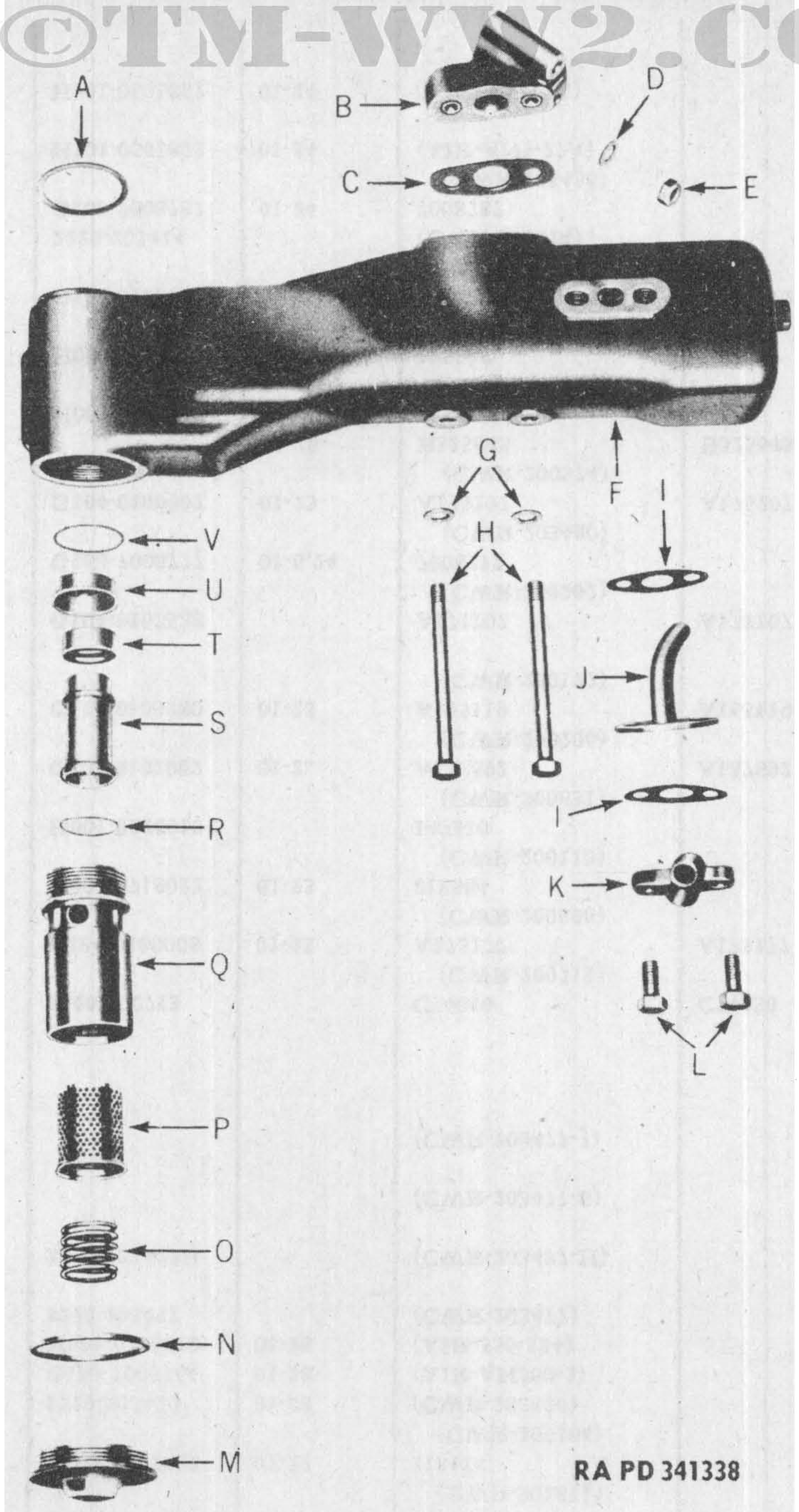
## 0106.5—OIL BREATHER

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-1526041 | 01-1,27 | C99669<br>(CWR-201618) | C99669 | BREATHER, oil, crankcase, w/TUBE, assembly (C1 only) | 1 |
| | 2220-203415 | 01-28 | (CWR-203415) | | BREATHER, oil, crankcase, assembly (C4 only) | 1 |
| | G104-1537881 | 01-27 | A247535<br>(CWR-201625) | A247535 | CLAMP, crankcase oil breather support (C1 only) | 1 |
| | 2220-203424 | 01-28 | (CWR-203424) | | CLAMP, crankcase oil breather to support (C4 only) | 1 |
| | | 01-28 | (AIR-AN4-6A) | | BOLT, hex-hd., S., ¼-28NF-3 x 25/32 (C4 only) | 2 |
| | G104-1537886 | 01-27,28 | A247557<br>(CWR-202206) | A247557 | CLAMP, crankcase oil breather tube hose to crankcase | 2 |
| | G104-0100370 | | A186583<br>(CWR-200299) | A186583 | CLAMP, crankcase oil breather tube hose to nipple (superseded by CLAMP, CWR-200300) | 2 |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0100371 | 01-27,28 | (CWR-200300) | | CLAMP, crankcase oil breather tube hose to nipple (supersedes CLAMP, CWR-200299) | 2 | |
| | G104-1569067 | 01-27 | A247537 (CWR-201668) | A247537 | ELBOW, crankcase oil breather ....(C1 only) | 1 | |
| | 2220-203425 | 01-28 | (CWR-203425) | | ELBOW, crankcase oil breather hose to crankcase ....(C4 only) | 1 | |
| | 2220-203458 | 01-28 | (CWR-203458) | | GASKET, crankcase oil breather tube flange to crankcase (also part of GASKET SET, CWR-S-203497) ....(C4 only) | 1 | |
| | | 01-28 | (CWR-203561) | | HOSE, crankcase oil breather to breather tube (also part of GASKET SET, CWR-S-203497) ....(C4 only) | 1 | |
| | 2220-203196 | 01-28 | (CWR-203196) | | HOSE, crankcase oil breather tube to crankcase elbow ....(C4 only) | 1 | |
| | G104-0100922 | 01-27 | A190619 (CWR-200985) | A190619 | HOSE, crankcase oil breather tube to nipple ....(C1 only) | 1 | |
| | G137-0217815 | 01-27 | A247536 (CWR-201626) | A247536 | HOSE, crankcase oil breather tube to crankcase ....(C1 only) | 1 | |
| | G104-1707524 | 01-27 | A247541 (CWR-201677) | A247541 | NIPPLE, crankcase oil breather hose, ½ (S., ⅜-18NPT, 1¾ overall lgh.). (C1 only) | 1 | |
| | 2220-201621 | | (CWR-201621) | | NIPPLE, crankcase oil breather hose (superseded by NIPPLE, CWR-201984) ....(C1 only) | 1 | |
| | G104-1707523 | 01-27 | A247543 (CWR-201984) | A247543 | NIPPLE, crankcase oil breather hose (S., 1-11½NPT, 2 7/16 overall lgh.) (supersedes NIPPLE, CWR-201621) ....(C1 only) | 1 | |
| | | 01-6,9 | (AIR-AN913-8) | | PLUG, crankcase oil breather ....(C4 only) | 1 | |
| | G104-0101569 | 01-5,8 | A165225A6 (CWR-200849) | A165225 | PLUG, crankcase oil breather ....(C1 only) | 1 | |
| | G163-7008417 | 01-11 | A165225A3 (AIR-AN913-3) (CWR-200847) | A165225 | PLUG, rear crankcase section vent connections (sq-hd., dld., ⅜NPT) .... | 1 | |
| | G104-0101674 | 01-11 | A165225AE (AIR-AN913-6) (CWR-201312) | A165225 | PLUG, pipe, rear crankcase section vent connection (br., sq-hd., dld., ⅛-27NPT). | 2 | |
| | 2220-203423 | 01-28 | (CWR-203423) | | SUPPORT, crankcase oil breather ....(C4 only) | 1 | |
| | | 01-28 | (AIR-AN4-15A) | | BOLT, hex-hd., S., ¼-28NF-3 x 1 21/32 ....(C4 only) | 2 | |
| | | 01-28 | (AIR-AN360-4) | | NUT, hex., S., ¼-28NF-3 ....(C4 only) | 4 | |
| H-1 | H001-0726005 | 01-28 | (AIR-356-428) | | NUT, lock, hex., S., cd-pltd., ¼-28 ....(C4 only) | 4 | |
| | | | (CWR-203382) | | SPACER, crankcase oil breather support bolt ....(C4 only) | 4 | |
| | G104-0103310 | 01-28 | (AIR-AN960-416) | | WASHER, plain, S., cd-pltd., ¼ in. ....(C4 only) | 4 | |
| | G104-1792716 | 01-27 | B207173 (CWR-201624) | B207173 | SUPPORT, crankcase oil breather ....(C1 only) | 1 | |
| H-1 | H001-0718021 | 01-27 | A165066 (CWR-200109) | A165066 | NUT, oil breather support screws (hex., S., cd-pltd., ¼-20NC-2)...(C1 only) | 4 | |
| H-1 | H001-0726005 | 01-27 | 147508 A171114A (CWR-200830) | A171114 | PALNUT, S., cd-pltd., ¼ (oil breather support screws) (BBSX6N). (C1 only) | 4 | |
| | G104-1781896 | 01-27 | A247539 (CWR-201670) | A247539 | SCREW, crankcase oil breather support clamp to support (hex-hd., S., cd-pltd., ¼-20NC-2 x ¾) ....(C1 only) | 2 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-1781897 | 01-27 | A247540 (CWR-201671) | A247540 | SCREW, crankcase oil breather support to cylinder head (hex-hd., S., cd-pltd., ¼-20NC-2 x 1½) . . . (C1 only) | 2 |
| H-1 | H001-1517007 | 01-27 | 113114 (CWR-200164) | | WASHER, lock, lgt., S., ¼ (BECX2G) . . . (C1 only) | 2 |
| | 2220-203420 | 01-28 | (CWR-203420) | | TUBE, crankcase oil breather, w/FLANGE, assembly . . . (C4 only) | 1 |
| | G163-7005764 | 01-28 | (AIR-AN360-5) | | NUT, hex., S., 5/16-24NF-3 . . . (C4 only) | 2 |
| H-1 | H001-0726010 | 01-28 | (AIR-356-524) | | NUT, lock, hex., S., cd-pltd., 5/16-24 . . . (C4 only) | 2 |
| | 2220-203477 | | (CWR-203477) | | STUD, crankcase oil breather tube flange to crankcase stud (standard) . . . (C4 only) | 2 |
| | 2220-203477H | | (CWR-203477-H) | | STUD, crankcase oil breather tube flange to crankcase stud (.003 oversize) . . . (C4 only) | as req. |
| | | | (CWR-203477-S) | | STUD, crankcase oil breather tube flange to crankcase stud (.007 oversize) . . . (C4 only) | as req. |
| | | | (CWR-203477-J) | | STUD, crankcase oil breather tube flange to crankcase stud (.012 oversize) . . . (C4 only) | as req. |
| | | | | | **0106.6—OIL LUBRICATION SYSTEM AND TANKS** | |
| | 2220-200713 | | C74050 (CWR-200713) | C74050 | ADAPTER, crankcase oil sump . . . (C1 only) | 1 |
| | G104-0100005 | 01-23 | A175177 (CWR-200802) | A175177 | ADAPTER, crankcase oil sump, w/BUSHING, assembly . . . (C1 only) | 1 |
| H-1 | H001-0718022 | 01-23 | 218564 (CWR-200110) | | NUT, hex., reg., s-fin., S., cd-pltd., 5/16-24NF-2 (BBBX1B) . . . (C1 only) | 2 |
| H-1 | H001-0726010 | | 147510 (CWR-200831) | | PALNUT, S., cd-pltd., 5/16 (BBSX6P) . . . (C1 only) | 2 |
| | G104-0102062 | 01-23 | A187692 (CWR-200206) | A187692 | SCREW, crankcase oil sump adapter to sump body (hex-hd., chr-ni-S., dld. f/lkg-wire., .313-24NF-2 x 4.58) . . . (C1 only) | 2 |
| | G104-0103280 | 01-23 | A165119 (CWR-200172) | A165119 | WASHER, plain, crankcase oil sump adapter to oil sump body screw and adapter to crankcase stud nut (alloy-S., cd-pltd., 21/64 x ⅝ x 1/16) . . . (C1 only) | 4 |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, crankcase oil sump adapter to sump body screw (.045 diam.) . . . (C1 only) | as req. |
| | G163-7008777 | 01-6,24 | 7008777 (CWR-203480) | | ADAPTER, crankcase oil sump, w/TUBES, assembly . . . (C4 only) | 1 |
| | G104-0100007 | 01-23 | A175207 (CWR-200574) | A175207 | ADAPTER, crankcase to oil sump connection . . . (C1 only) | 1 |
| | | 01-26 | B325645 | B325645 | BLOCK, engine oil distribution, assembly . . . | 1 |
| H-1 | H001-1013213 | | 215912 (CWR-202791) | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ¾ (BCBX1AA) . . . | 2 |
| H-1 | H001-1519009 | | 115547 (CWR-202811) | | WASHER, lock, hv., S., ¼ (BEAX1H) . . . | 2 |
| | G104-0103162 | | A175212 (CWR-200714) | A175212 | BODY, crankcase oil sump . . . (C1 only) | 1 |
| | 2220-203414 | | (CWR-203414) | | BODY, right hand crankcase oil sump . . . (C4 only) | 1 |
| | G163-7008787 | 01-24 | 7008787 (CWR-203456) | | BRACKET, crankcase oil sump support, front . . . (C4 only) | 2 |
| H-1 | H101-0501823 | 01-24 | (AIR-AN5-27A) | | BOLT, hex-hd., S., 5/16-24 x 2 31/32 (crankcase oil sump front bracket and cowl bracket to cylinder head) . . . (C4 only) | 2 |
| H-1 | H101-0501822 | 01-24 | (AIR-AN-17A) | | BOLT, hex-hd., S., 5/16-24 x 1 7/16 (crankcase oil sump front bracket to cylinder head) . . . (C4 only) | 2 |

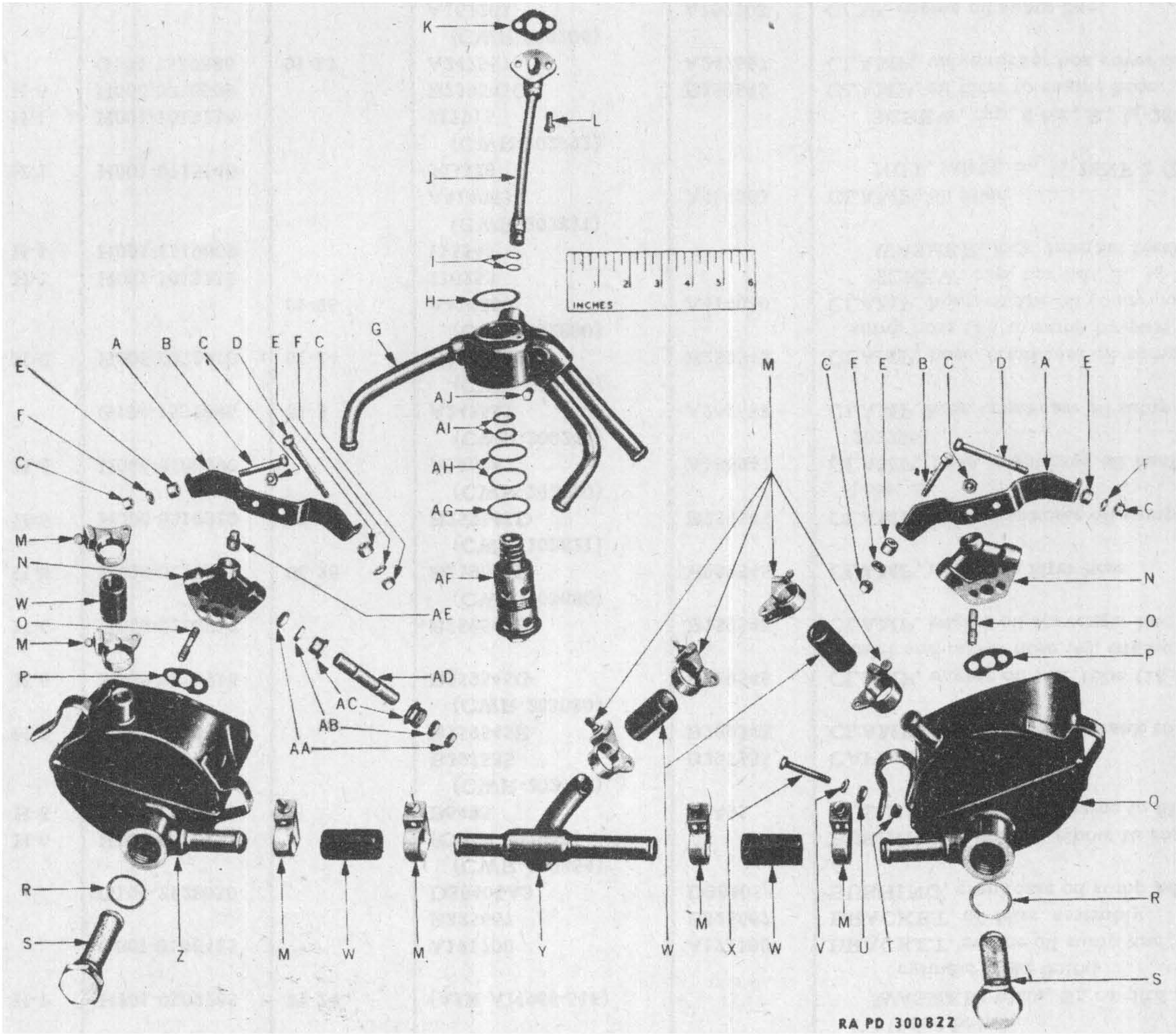
*(Cont.)*




# FIGURE 01-23 — CRANKCASE OIL SUMP ASSEMBLY (CWR-200804) — EXPLODED VIEW (C1)

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | GASKET | CWR-200182 | 0106.6 |
| B | ADAPTER, ass'y | CWR-200802 | 0106.6 |
| C | GASKET | CWR-200223 | 0106.6 |
| D | WASHER | CWR-200172 | 0106.6 |
| E | NUT | 218564 | 0106.6 |
| F | SUMP, ass'y | CWR-200801 | 0106.6 |
| G | WASHER | CWR-200172 | 0106.6 |
| H | SCREW | CWR-200206 | 0106.6 |
| I | GASKET | CWR-200222 | 0106.6 |
| J | TUBE, ass'y | CWR-201851 | 0106.6 |
| K | TUBE, ass'y | CWR-201853 | 0106.6 |
| L | SCREW | CWR-200205 | 0106.6 |
| M | PLUG | CWR-201397 | 0106.6 |
| N | GASKET | CWR-200149 | 0106.6 |
| O | SPRING | CWR-200332 | 0106.6 |
| P | STRAINER, ass'y | CWR-200755 | 0106.6 |
| Q | HOUSING | CWR-200572 | 0106.6 |
| R | GASKET | CWR-200181 | 0106.6 |
| S | CONNECTION | CWR-200573 | 0106.6 |
| T | OIL SEAL | CWR-200577 | 0106.6 |
| U | ADAPTER | CWR-200574 | 0106.6 |
| V | GASKET | CWR-200183 | 0106.6 |

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| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BRACKET | CWR-203456 | 0106.6 |
| B | BOLT | AIR-AN5-17A | 0106.6 |
| C | NUT | AIR-AN365-524 | 0106.6 |
| D | BOLT | AIR-AN5-27A | 0106.6 |
| E | SPACER | CWR-203449 | 0106.6 |
| F | WASHER | AIR-AN960-516 | 0106.6 |
| G | ADAPTER, ass'y | CWR-203480 | 0106.6 |
| H | GASKET | CWR-203214 | 0106.6 |
| I | PACKING | AIR-AN6227-10 | 0106.6 |
| J | TUBE, ass'y | CWR-203478 | 0106.6 |
| K | GASKET | CWR-200221 | 0106.6 |
| L | SCREW | CWR-200205 | 0106.6 |
| M | CLAMP | CWR-202800 | 0106.6 |
| N | FITTING | CWR-203418 | 0106.6 |
| O | STUD | CWR-203447 | 0106.6 |
| P | GASKET | CWR-203466 | 0106.6 |
| Q | SUMP, ass'y | CWR-203416 | 0106.6 |
| R | GASKET | AIR-AN900-18 | 0106.6 |
| S | STRAINER, ass'y | CWR-203434 | 0106.6 |
| T | NUT | AIR-AN365-428 | 0106.6 |
| U | SPACER | CWR-203382 | 0106.6 |
| V | WASHER | AIR-AN960-416 | 0106.6 |
| W | HOSE | CWR-203065 | 0106.6 |
| X | BOLT | AIR-AN4-15A | 0106.6 |
| Y | TEE, ass'y | CWR-203475 | 0106.6 |
| Z | SUMP, ass'y | CWR-203417 | 0106.6 |
| AA | PACKING | CWR-202721 | 0106.6 |
| AB | WASHER | CWR-202999 | 0106.6 |
| AC | NUT | CWR-202991 | 0106.6 |
| AD | TUBE | CWR-203446 | 0106.6 |
| AE | PLUG | AIR-895-B101 | 0106.6 |
| AF | FITTING | CWR-203461 | 0106.6 |
| AG | GASKET | AIR-AN900-26 | 0106.6 |
| AH | PACKING | AIR-AN6227-26 | 0106.6 |
| AI | PACKING | AIR-AN6227-15 | 0106.6 |
| AJ | PLUG | AIR-AN913-1 | 0106.6 |

RA PD 300822C

**FIGURE 01-24 — ENGINE OIL SUMP — EXPLODED VIEW (C4)**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| | G038-0138395 | 01-24 | (AIR-AN365-524) | | NUT, hex., S., cd-pltd., 5/16-24 (crankcase oil sump front bracket to cylinder head bolts) . . . (C4 only) | 4 | |
| H-1 | H101-0502205 | 01-24 | (AIR-AN966-516) | | WASHER, plain, S., cd-pltd., 5/16 in. (crankcase oil sump front bracket to cylinder head bolts) . . . (C4 only) | 2 | |
| | G081-0108415 | | A171700 | A171700 | BRACKET, engine oil sump line . . . (C1 only) | 1 | |
| | | | B325667 | B325667 | BRACKET, oil filler, assembly . . . | 1 | |
| | G104-2128030 | | D38405A3 (CWR-200864) | D38405 | BUSHING, crankcase oil sump adapter . . . (C1 only) | 2 | |
| H-6 | H006-0210131 | | (CWR-202948) | | BUSHING, reducing, elbow to engine crankcase (CPHX1AD) . . . | 1 | |
| H-6 | H006-0210030 | | B6495 (CWR-202777) | B6495 | BUSHING, reducing, engine to filter hose . . . | 1 | |
| | G104-6297535 | | B297535 | B297535 | CAP, oil tank filler . . . | 1 | |
| H-6 | H006-0210912 | | B259545E (CWR-203080) | B259545 | CLAMP, engine oil cooler tank to breather hose . . . | 4 | |
| H-6 | H006-0210916 | | B259545G | B259545 | CLAMP, engine oil line tube (18), engine oil filter to oil line hose (2), engine oil inlet and outlet hose (4), engine oil temperature control hose (6) . . . | 30 | |
| H-6 | H006-0210912 | | B259545E (CWR-203080) | B259545 | CLAMP, engine oil scavenger line hose . . . | 2 | |
| H-6 | H006-0210907 | 01-26 | B259545B (CWR-202821) | B259545 | CLAMP, engine to filter hose . . . | 2 | |
| H-6 | H006-0210910 | 01-24 | B259545D (CWR-202800) | B259545 | CLAMP, hose, crankcase oil sump adapter tubes to left and right hand oil sumps hose . . . (C4 only) | 4 | |
| H-6 | H006-0100290 | | A186947 (CWR-200241) | A186947 | CLAMP, hose, crankcase oil sump connection (superseded by CLAMP, CWR-202206) . . . (C1 only) | 2 | |
| | G104-1537886 | 01-5 | A247557 (CWR-202206) | A247557 | CLAMP, hose, crankcase oil sump connection (supersedes CLAMP, CWR-200241) . . . (C1 only) | 2 | |
| H-6 | H006-0210910 | 01-24 | B259545D (CWR-202800) | B259545 | CLAMP, hose, crankcase oil sump tee to right hand sump hose (2), to left hand sump hose (2), to sump by-pass hose (2) . . . (C4 only) | 6 | |
| | | 01-26 | A414060 | A414060 | CLAMP, hose, engine oil cooler connection . . . | 1 | |
| H-1 | H001-1013212 | | 216253 | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ½ (BCBX5B) . . . | 1 | |
| H-1 | H001-1519009 | | 115547 (CWR-202811) | | WASHER, lock, internal teeth, reg., S., ¼ in. (BEAX1H) . . . | 1 | |
| | | | A414063 | A414063 | CLAMP, oil filler . . . | 1 | |
| H-1 | H001-0725640 | | 503338 (CWR-202792) | | NUT, safety, S., ¼-28NF-3 (BBSX4AA) . . . | 2 | |
| H-1 | H001-1013214 | | 215913 | | SCREW, cap, fl-hd., S., ¼-28NF-2 x ⅞ (BCBX1AB) . . . | 2 | |
| H-6 | H006-0210909 | | B259545C | B259545 | CLAMP, oil filter to engine hose . . . | 2 | |
| | G104-1537886 | 01-13 | A247557 (CWR-202206) | A247557 | CLAMP, valve rocker box cover drain connection tube hose . . . (C4 only) | 2 | |
| | | | A162203 | A162203 | CLIP, engine oil sump line . . . | 1 | |
| H-1 | H001-0725640 | | 503338 (CWR-202792) | | NUT, safety, S., ¼-28NF-3 (BBSX4AA) . . . | 2 | |
| H-1 | H001-1013213 | | 215912 (CWR-202791) | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ¾ (BCBX1AA) . . . | 2 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0100411 | 01-23 | A175206 (CWR-200573) | A175206 | CONNECTION, crankcase to oil sump .......... (C1 only) | 1 |
| | G104-7006782 | | A183358C (CWR-202774) | A183358 | CONNECTOR, engine governor and oil sump to drain tube .......... (C1 only) | 1 |
| | G104-7006782 | | 7006782 (CWR-202774) | | CONNECTOR, engine to filter hose .......... | 1 |
| H-6 | H006-0394200 | | B183360K (CWR-202783) | B183360 | CONNECTOR, inlet, engine oil hose .......... | 2 |
| H-6 | H006-0312860 | | B183358T (CWR-202787) | B183358 | CONNECTOR, engine oil line outlet (1), scavenger oil line hose (1) .......... | 2 |
| | G104-0302207 | | B170160 (CWR-202786) | B170160 | CONNECTOR, "Y", engine outlet oil hose .......... | 1 |
| H-6 | H006-0256720 | | 144071 | | COUPLING, engine oil cooler tube to line (CPEX2BE) .......... | 1 |
| H-6 | H006-0222214 | | B208803E | B208803 | ELBOW, 45°, engine oil cooler inlet (1), oil temperature control (1) .......... | 2 |
| H-6 | H006-0222214 | | B208803E | B208803 | ELBOW, 45°, engine oil filter to oil cooler hose (used with FILTER, 7026236) .... | 1 |
| H-6 | H006-0222314 | | B208801E | B208801 | ELBOW, 90°, engine oil system (1 on filter) (4 on oil cooler) .......... | 5 |
| | | | 7026224 | | ELBOW, engine oil filter to engine .......... | 1 |
| H-6 | H006-0222210 | | B208803C (CWR-203343) | B208803 | ELBOW, engine oil scavenger hose to crankcase .......... | 1 |
| H-6 | H006-0333100 | | B183361C (CWR-202776) | B183361 | ELBOW, engine to filter hose .......... | 1 |
| | | | B208803N | B208803 | ELBOW, oil filter to engine hose .......... | 1 |
| | | | A381903 (CWR-203395) | A381903 | ELBOW, oil pressure sending unit to engine .......... | 1 |
| | | 01-26 | C136592 | C136592 | FILLER, oil, assembly .......... | 1 |
| H-1 | H001-1013214 | | 215913 | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ⅞ (BCBX1AB) .......... | 6 |
| H-1 | H001-1519009 | | 115547 (CWR-202811) | | WASHER, lock, internal teeth, reg., S., ¼ in. (BEAX1H) .......... | 6 |
| | G163-7008782 | 01-24 | 7008782 (CWR-203461) | | FITTING, engine oil scavenger by-pass .......... (C4 only) | 1 |
| | 2220-203486 | 01-6 | (CWR-203486) | | FITTING, engine oil scavenger by-pass, w/TUBE, assembly .......... (C4 only) | 1 |
| | G104-0102167 | 01-24 | A186941 (CWR-200205) | A186941 | SCREW, crankcase oil sump drain tube fitting to crankcase ....... (C4 only) | 2 |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, engine oil scavenger by-pass fitting (.045 diam.) ... (C4 only) | as req. |
| | G163-7008790 | 01-24 | 7008790 (CWR-203418) | | FITTING, valve rocker box drain .......... (C4 only) | 2 |
| | | | (AIR-AN365-524) | | NUT, lock, S., 5/16-24NF-3 .......... (C4 only) | 4 |
| | G163-7008785 | 01-24 | 7008785 (CWR-203447) | | STUD, valve rocker box drain fitting (alloy-S., 5/16-24NF-3 (.65) x 2.21 x 5/16-18NC (.65) (special) .......... | 4 |
| | G104-1584659 | | A186946 (CWR-200236) | A186946 | FLANGE, crankcase oil sump, external tube .......... (C1 only) | 1 |
| | G104-1584654 | | A175198 (CWR-200224) | A175198 | FLANGE, crankcase oil sump, internal tube .......... (C1 only) | 1 |
| | G163-7006929 | 01-24 | 7006929 (CWR-203214) | | GASKET, crankcase oil sump adapter to crankcase (also part of GASKET SET, CWR-S-203497) .......... (C4 only) | 1 |
| | G104-0100701 | 01-23 | A175197 (CWR-200223) | A175197 | GASKET, crankcase oil sump adapter to oil sump (vellumoid, 1/64 thk.) (also part of GASKET SET, CWR-S-201468) .......... (C1 only) | 1 |
| | G104-0100695 | 01-23 | A175190 (CWR-200181) | A175190 | GASKET, crankcase oil sump connection lower seal to strainer housing (also part of GASKET SET, CWR-S-201468) .......... (C1 only) | 1 |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1593925 | | A229725 (CWR-201445) | A229725 | GASKET, crankcase oil sump drain plug (also part of GASKET SET, CWR-S-201468) . . . . . (C1 only) | 1 | |
| | G104-0100670 | 01-5,24 | A165164 (CWR-200221) | A165164 | GASKET, crankcase oil sump drain tube fitting to crankcase (also part of GASKET SETS, CWR-S-203497 and CWR-S-201468) . . . . . | 1 | |
| | G104-0100693 | 01-23 | A187690 (CWR-200149) | A187690 | GASKET, crankcase oil sump strainer spring plug (cop-asb., 2¼ O.D., 2 I.D., .08 thk.) (also part of GASKET SET, CWR-S-201468) . . . . . (C1 only) | 1 | |
| | G163-7008768 | 01-24 | 7008768 (AIR-AN900-18) | | GASKET, crankcase oil sump strainer to sump (also part of GASKET SETS, CWR-S-203497 and CWR-S-202919) . . . . . (C4 only) | 2 | |
| | G104-0100696 | 01-23 | A175196 (CWR-200222) | A175196 | GASKET, crankcase oil sump tube flange to sump (vellumoid, 1/64 thk.) (also part of GASKET SET, CWR-S-201468) . . . . . (C1 only) | 2 | |
| | G104-0100699 | 01-23 | A175191 (CWR-200182) | A175191 | GASKET, crankcase to oil sump (also part of GASKET SET, CWR-S-201468) . . . . . (C1 only) | 1 | |
| | G104-0100715 | 01-23 | A175192 (CWR-200183) | A175192 | GASKET, crankcase to oil sump connection (also part of GASKET SET, CWR-S-201468) . . . . . (C1 only) | 1 | |
| | G104-0100670 | | A165164 (CWR-200221) | A165164 | GASKET, main section crankcase to oil sump adapter (vellumoid, 1/64 thk.) (also part of GASKET SET, CWR-S-201468) . . . . . (C1 only) | 1 | |
| | | 01-24 | (AIR-AN900-26) | | GASKET, engine oil scavenger by-pass fitting to adapter (also part of GASKET SET, CWR-S-203497) . . . . . (C4 only) | 1 | |
| | | | A383373 | A383373 | GASKET, oil filler to tank . . . . . | 2 | |
| H-17 | H017-105452 | 01-13 | (AIR-AN900-9) | | GASKET, valve rocker box cover oil drain hose nipple (also part of GASKET SET, CWR-S-203497) . . . . . (C4 only) | 8 | |
| | G163-7008780 | 01-24 | 7008780 (CWR-203466) | | GASKET, valve rocker box drain fitting to sump (also part of GASKET SET, CWR-S-203497) . . . . . (C4 only) | 2 | |
| | G104-1603809 | | A248085D | A248085 | GROMMET, engine oil sump line . . . . . | 1 | |
| H-1 | H001-0716610 | | 103088 (CWR-202796) | | NUT, mach-screw., hex., S., No. 10 (.190)-32NF-1 (BBMX1C) . . . . . | 3 | |
| H-1 | H001-1030589 | | 100766 (CWR-202795) | | WASHER, plain, br., SAE std., No. 10 (.190) (BCOX1.1AH) . . . . . | 3 | |
| | 2220-203211 | | (CWR-203211) | | GROMMET, nose, engine scavenger oil line . . . . . | 1 | |
| H-1 | H001-1030593 | | 132892 (CWR-202794) | | SCREW, mach., oval-fil-hd., S., cd-pltd., No. 10 (.190) - 32NF - 2 x ¾ (BCOX1.1AB-1) . . . . . | 3 | |
| | G163-7006915 | | 7006915 (CWR-203065) | | HOSE, crankcase oil sump adapter tubes to left and right hand oil sumps. (C4 only) | 3 | |
| | | 01-26 | A345752P | A345752 | HOSE, engine oil cooler oil line (1) engine oil temperature control (3) . . . . . | 4 | |
| | | | A345752H | A345752 | HOSE, engine oil filter to engine . . . . . | 1 | |
| | | | A345752P | A345752 | HOSE, engine oil filter to line . . . . . | 1 | |
| | 2220-203341 | | A345752M (CWR-203341) | A345752 | HOSE, engine oil pump inlet . . . . . | 1 | |
| | 2220-203342 | | A345752N (CWR-203342) | A345752 | HOSE, engine oil pump outlet . . . . . | 1 | |
| | G104-0303186 | | A213784E (CWR-202788) | A213784 | HOSE, engine oil scavenger line . . . . . | 1 | |
| | G163-7006915 | 01-24 | 7006915 (CWR-203065) | | HOSE, engine oil sump tee to right hand sump (1), to left hand sump (1), to sump by-pass (1) . . . . . (C4 only) | 3 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0100906 | 01-5 | A175202 (CWR-200274) | A175202 | HOSE, engine oil sump to crankcase nipple (heat resisting .82 O.D. x ½ I.D. x 1.82) ........ (C1 only) | 1 |
| | | | A345752K | A345752 | HOSE, engine oil tank to cooler ........ | 1 |
| | G104-7008978 | | A345752E | A345752 | HOSE, engine oil temperature control tube ........ | 10 |
| | G104-1617634 | | A213784G (CWR-202775) | A213784 | HOSE, engine to oil filter, assembly ........ | 1 |
| | | | A345752L | A345752 | HOSE, oil filter to engine ........ | 1 |
| | G104-2217809 | | A213785Q (CWR-202784) | A213785 | HOSE, oil outlet, engine ........ | 2 |
| | G104-0303205 | | A213785B (CWR-202785) | A213785 | HOSE, oil outlet, engine ........ | 1 |
| | G104-7005473 | | A345752P | A345752 | HOSE, oil tank nipple to oil cooler tube (used with FILTER, 7026236) ........ | 1 |
| | G210-7005701 | | A345752M | A345752 | HOSE, oil tank tube to cooler tube (used with FILTER, 7026236) ........ | 1 |
| | 2220-203342 | | A345752N (CWR-203342) | A345752 | HOSE, oil tank to engine ........ | 1 |
| | | | A345752Q | A345752 | HOSE, oil tank to engine ........ | 1 |
| | G163-7006825 | 01-13 | 7006825 (CWR-201779) | | HOSE, valve rocker box cover drain connection tube (also part of GASKET SET, CWR-S-203497) ........ (C4 only) | 4 |
| | G104-0100945 | 01-23 | B167536 (CWR-200572) | B167536 | HOUSING, crankcase oil sump strainer ........ (C1 only) | 1 |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, lock, crankcase oil sump strainer housing to oil sump (.045 diam.) ........ (C1 only) | as req. |
| | 2220-203428 | | (CWR-203428) | | HOUSING, left hand oil sump oil strainer ........ (C4 only) | 1 |
| | 2220-203427 | | (CWR-203427) | | HOUSING, right hand oil sump oil strainer ........ (C4 only) | 1 |
| H-6 | H006-0224810 | | B208806C | B208806 | NIPPLE, engine breather hose connection ........ | 2 |
| H-6 | H006-0224818 | | B208806G (CWR-203399) | B208806 | NIPPLE, engine oil cooler tubes to oil tank (3), engine oil filter to oil line (1) ........ | 4 |
| H-6 | H006-0224818 | | B208806G (CWR-203399) | B208806 | NIPPLE, engine oil pump to inlet and outlet hose ........ | 2 |
| | | | B208806R | B208806 | NIPPLE, engine oil scavenger hose ........ | 1 |
| H-6 | H006-0224818 | | B208806G (CWR-203399) | B208806 | NIPPLE, engine oil temperature control tube ........ | 3 |
| H-6 | H006-0224806 | | B208806A (CWR-203346) | B208806 | NIPPLE, engine to filter hose ........ | 1 |
| H-6 | H006-0224818 | | B208806G | B208806 | NIPPLE, hose, oil tank to oil cooler line hose (use with FILTER, 7026236) ........ | 1 |
| H-6 | H006-0224806 | | B208806A (CWR-203346) | B208806 | NIPPLE, oil filter to engine hose ........ | 1 |
| | G104-0101136 | 01-5 | A175199 (CWR-200235) | A175199 | NIPPLE, oil sump hose connection ........ (C1 only) | 1 |
| | G163-7006926 | 01-13 | 7006926 (CWR-203205) | | NIPPLE, valve rocker box cover oil drain hose ........ (C4 only) | 8 |
| | | | B208806 | B208806 | NIPPLE, straight, engine oil sump line ........ | 2 |
| | G104-0102270 | | A165307 (CWR-200427) | A165307 | OIL SEAL, crankcase diffuser oil line (superseded by OIL SEAL, CWR-201380) ........ (C1 only) | 1 |
| | G104-0102252 | 01-10,11 | A229670 (CWR-201380) | A229670 | OIL SEAL, crankcase diffuser oil line (cork, ¼ thick) (supersedes OIL SEAL, CWR-200427) (also part of GASKET SET, CWR-S-201468) ........ | 1 |
| | G104-0102281 | 01-23 | A186950 (CWR-200577) | A186950 | OIL SEAL, crankcase to oil sump connection (also part of GASKET SET, CWR-S-201468) ........ (C1 only) | 1 |
| | G163-7008769 | 01-24 | 7008769 (AIR-AN6227-10) | | PACKING, crankcase oil sump drain tube to adapter (also part of GASKET SET, CWR-S-203497) ........ (C4 only) | 2 |

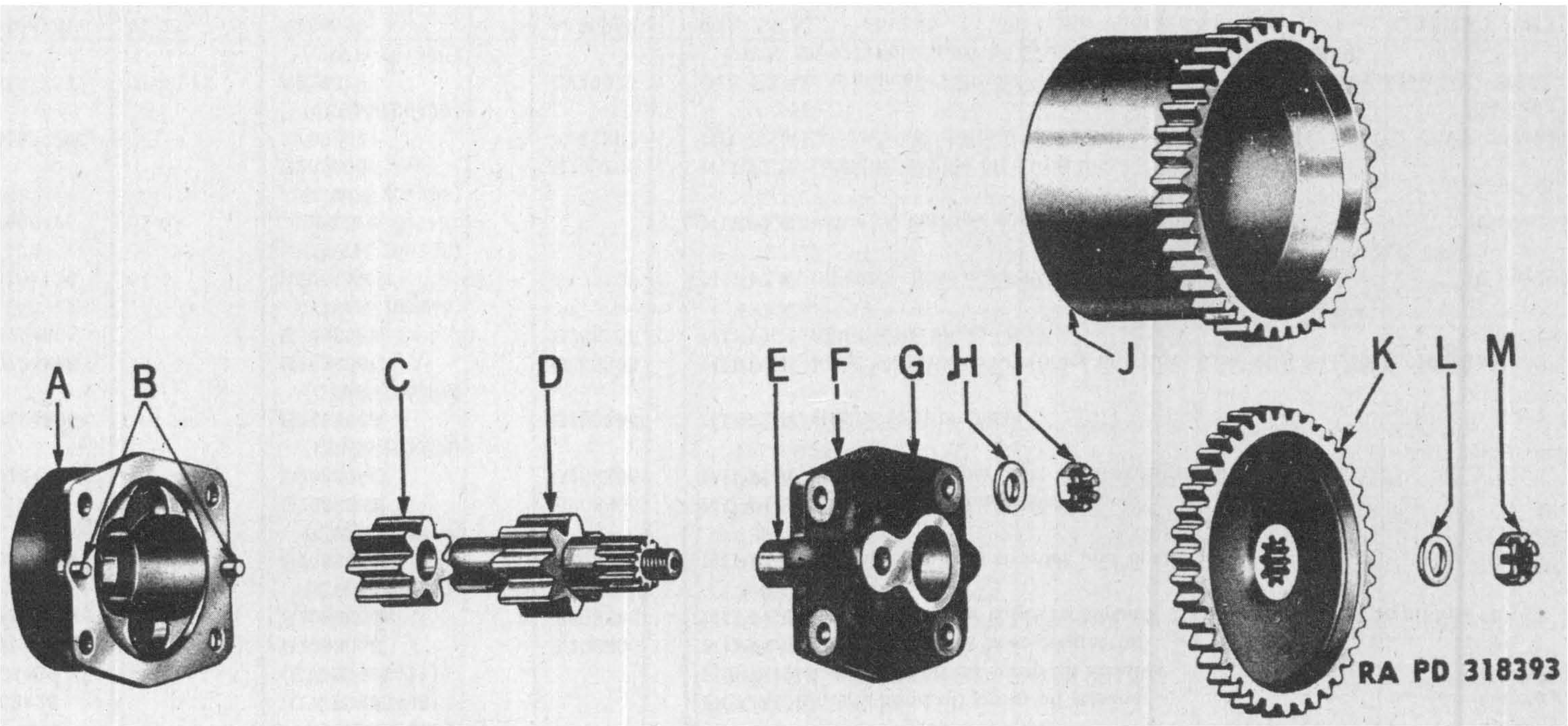
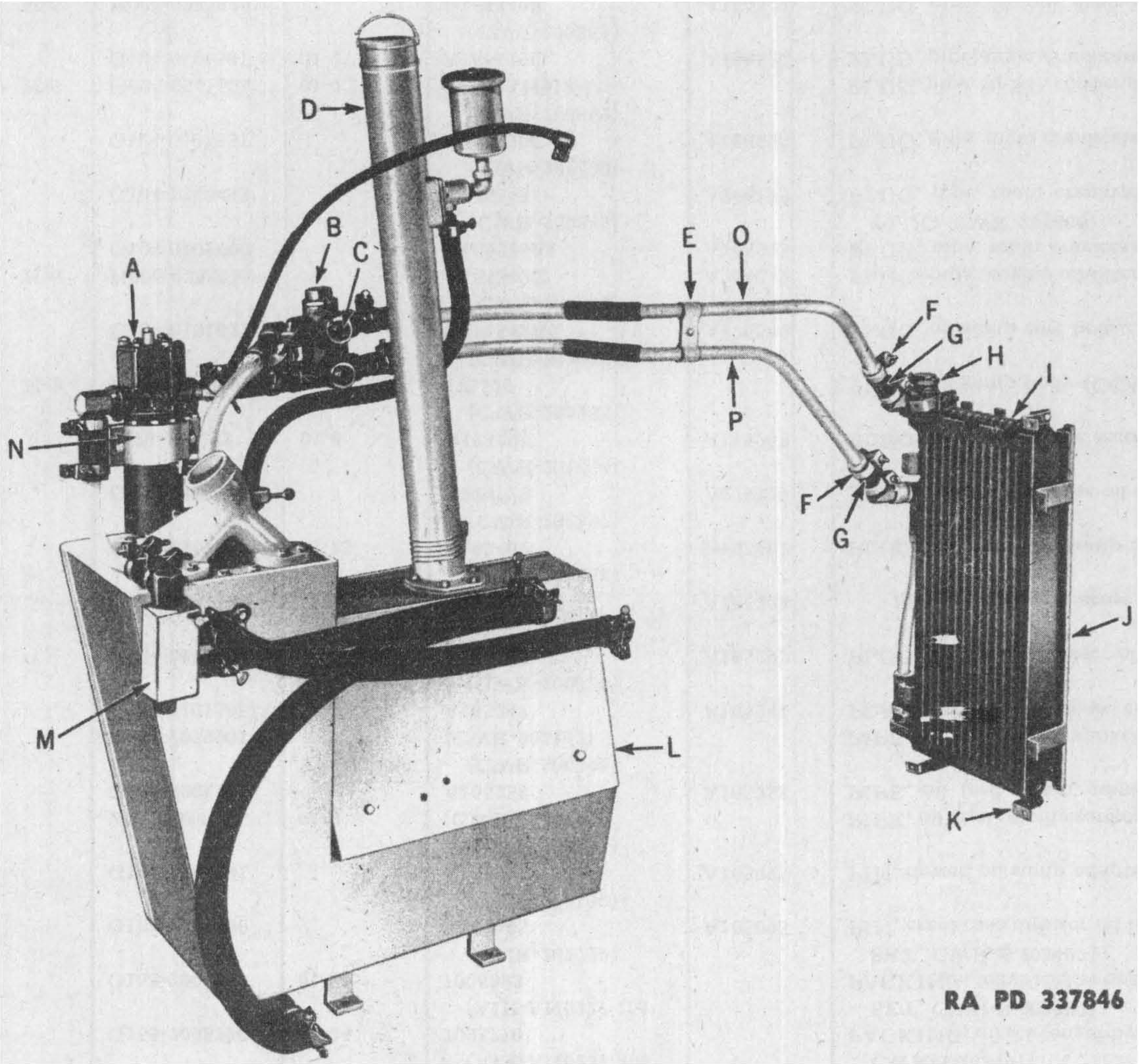



**FIGURE 01-25 — ENGINE OIL SCAVENGER PUMP — EXPLODED VIEW (C1)**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | HOUSING | CWR-202024 | 0106.15 |
| B | PIN | CWR-200137 | 0106.15 |
| C | GEAR | CWR-200330 | 0106.15 |
| D | SHAFT, ass'y | CWR-202237 | 0106.15 |
| E | SHAFT | CWR-200656 | 0106.15 |
| F | COVER | CWR-200655 | 0106.15 |
| G | COVER, ass'y | CWR-200762 | 0106.15 |
| H | WASHER | CWR-200176 | 0106.15 |
| I | NUT | CWR-200102 | 0106.15 |
| J | GEAR | CWR-200658 | 0102 |
| K | GEAR | CWR-200651 | 0106.15 |
| L | WASHER | CWR-200175 | 0106.15 |
| M | NUT | CWR-200107 | 0106.15 |

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| Key | Item | Part Number | Group |
|---|---|---|---|
| A | FILTER | C95134 | 0106.2 |
| B | CONTROL | B268071 | 0106.8 |
| C | PLUG | A164342E | 0106.8 |
| D | FILLER | C136592 | 0106.6 |
| E | CLAMP | A414060 | 0106.6 |
| F | CLAMP | B259545G | 0106.6 |
| G | HOSE | A345752P | 0106.6 |
| H | VALVE | B297557B | 0106.3 |
| I | COOLER | D81039B | 0106.3 |
| J | GUARD | C85088 | 0106.3 |
| K | ANGLE | A222998 | 0106.3 |
| L | TANK | D69810 | 0106.6 |
| M | BLOCK | B325645 | 0106.6 |
| N | CLAMP | A383368 | 0106.2 |
| O | TUBE | C136598 | 0106.6 |
| P | TUBE | C136597 | 0106.6 |

RA PD 337846C

**FIGURE 01-26 — OIL DISTRIBUTION SYSTEM**

# GROUP 01 — ENGINE



| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G163-7008771 | 01-24 | 7008771 (AIR-AN6227-26) | | PACKING, oil scavenger by-pass fitting to adapter (also part of GASKET SET, CWR-S-203497) . . . . (C4 only) | 2 | |
| | G163-7008770 | 01-24 | 7008770 (AIR-AN6227-15) | | PACKING, oil scavenger by-pass suction tube to crankcase (also part of GASKET SET, CWR-S-203497) . . . . (C4 only) | 2 | |
| | G163-7006893 | 01-24 | 7006893 (CWR-202721) | | PACKING, valve rocker box drain fitting to rocker box tube (also part of GASKET SET, CWR-S-203497) . . . . (C4 only) | 4 | |
| | G104-0101490 | | A165095 (CWR-200139) | A165095 | PIN, crankcase diffuser oil line plug (3/16 x 3/8, stght.) . . . . | 2 | |
| | G104-5165091 | | A165091 (CWR-200135) | A165091 | PIN, dowel, oil sump adapter (stght., 3/16 x 1/2) . . . . | 1 | |
| | 2220-203474 | 01-9 | (CWR-203474) | | PIPE, oil feed, main crankcase section . . . . (C4 only) | 1 | |
| | G104-0201112 | | A165258 (CWR-200348) | A165258 | PIPE, oil feed, main crankcase section (superseded by PIPE, CWR-202142) . . . . (C1 only) | 1 | |
| | G104-2979901 | | (CWR-202142) | | PIPE, oil feed, main crankcase section (supersedes PIPE, CWR-200348) (C1 only) | 1 | |
| | G104-0101536 | | A165247 (CWR-200334) | A165247 | PLATE, oil sump strainer end . . . . (C1 only) | 1 | |
| | G104-0101650 | | A165295 (CWR-200402) | A165295 | PLUG, crankcase diffuser oil line (1/4 x 1/8, lead) . . . . | 2 | |
| | G104-0102160 | | A165208 (CWR-200268) | A165208 | SCREW, set, crankcase diffuser oil line plug (headless, br., 5/16-18NC-2 x 5/16) | 2 | |
| | G104-0101671 | 01-23 | B193402 (CWR-201397) | B193402 | PLUG, crankcase oil sump tube strainer spring (magnetic) . . . . (C1 only) | 1 | |
| | G104-0101668 | | A229729 (CWR-201444) | A229729 | PLUG, drain, crankcase oil sump (magnetic) . . . . (C1 only) | 1 | |
| | 2220-200283 | 01-8 | A175203 (CWR-200283) | A175203 | PLUG, front crankcase section oil line . . . . (C1 only) | 1 | |
| H-2 | H002-0100090 | | 115529 (CWR-203455) | | PLUG, oil sump body (CCAX1A) . . . . | 1 | |
| | G104-0101622 | | A171542A6 (CWR-200859) | A171542 | PLUG, oil sump core hole . . . . (C1 only) | 1 | |
| H-6 | H006-0283015 | | A164342C | A164342 | PLUG, pipe, engine oil filter to tank hose elbow (used with FILTER, 7026236) . . | 1 | |
| | G104-0101600 | | A165225A1 (CWR-200845) | A165225 | PLUG, pipe, main crankcase section oil line (1/8, hex-hd., brass) (superseded by PLUG, CWR-201800) . . . . (C1 only) | 1 | |
| | G104-1740453 | | A246143 (CWR-201800) | A246143 | PLUG, pipe, main crankcase section oil line (supersedes PLUG, CWR-200845) . . . . (C1 only) | 1 | |
| | G104-0101581 | | A186520C (CWR-200862) | A186520 | PLUG, pipe, main crankcase section oil passage (1/4, headless) . . . . (C1 only) | 8 | |
| H-6 | H006-0541503 | 01-9,24 | (AIR-AN913-1) | | PLUG, pipe, sq-hd., copper alloy, 1/8 in. (main crankcase section oil line) . . (C4 only) | 6 | |
| | G104-0101581 | 01-9 | A186520C (CWR-200862) | A186520 | PLUG, pipe, main crankcase section oil passage (1/4, headless) . . . . (C4 only) | 17 | |
| H-6 | H006-0283025 | | A164342E | A164342 | PLUG, pipe, oil tank drain . . . . | 1 | |
| | G104-0101583 | 01-11 | A186520B (AIR-AN913-4) (CWR-200861) | A186520 | PLUG, pipe, headless, br., 1/2-14NPT (rear crankcase section oil line) . . . . | 1 | |

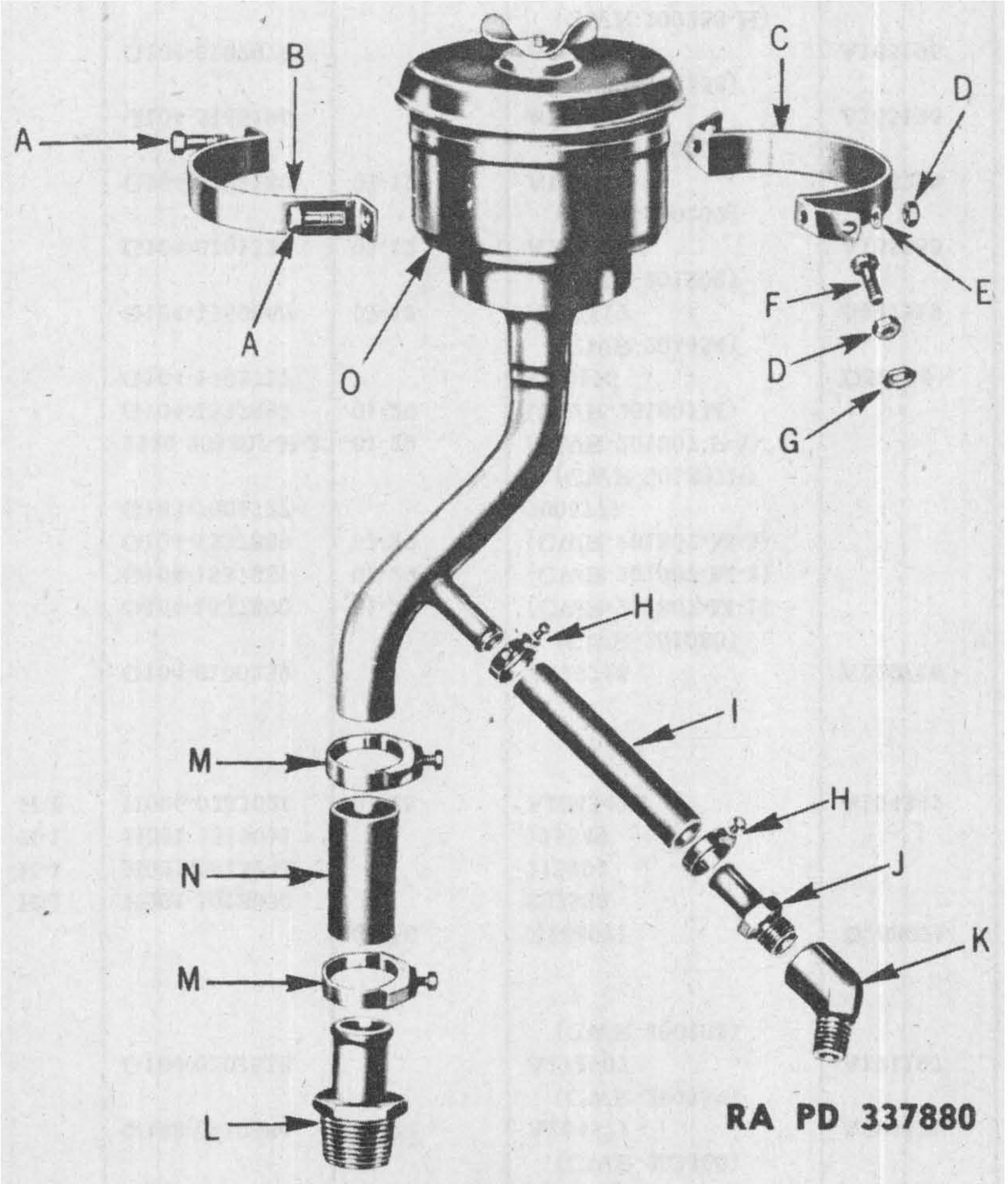
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| H-6 | H006-0541503 | 01-11 | (AIR-AN913-1) | | PLUG, pipe, sq-hd., copper alloy, 1/8 in. (rear crankcase section oil lines) . . (C4 only) | 5 |
| | G104-0101584 | | A165148 (CWR-200207) | A165148 | PLUG, rear crankcase section oil line (hex-hd., br., 5/8-18NF-2) . . . . . . . . (C1 only) | 1 |
| | G104-0101600 | | A165225A1 (CWR-200845) | A165225 | PLUG, rear crankcase section oil lines (superseded by PLUG, CWR-201800) . . . . . . (C1 only) | 5 |
| | G104-1740453 | | A246143 (CWR-201800) | A246143 | PLUG, rear crankcase section oil lines (supersedes PLUG, CWR-200845) . (C1 only) | 5 |
| H-6 | H006-0501502 | | (AIR-AN913-2) | | PLUG, valve rocker box drain fitting (superseded by PLUG, AIR-895-B101) . . . . . . (C4 only) | 3 |
| | | 01-24 | (AIR-895-B101) | | PLUG, valve rocker box drain fitting (supersedes PLUG, AIR-AN913-2) . (C4 only) | 3 |
| | G104-0101866 | | A165244 (CWR-200333) | A165244 | RING, oil sump strainer . . . . . . . . . . (C1 only) | 1 |
| | | | B325650 | B325650 | SEAL, oil filler, assembly . . . . . . . . . . | 1 |
| | G163-7008783 | | 7008783 (CWR-203449) | | SPACER, oil sump front bracket to cylinder head bolt (superseded by SPACER, CWR-201332) . . . . . . . . (C4 only) | 4 |
| | G104-5246126 | 01-24 | A246126 (CWR-201332) | A246126 | SPACER, oil sump front bracket to cylinder head bolts (supersedes SPACER, CWR-203449) . . . . . . . . (C4 only) | 4 |
| | | 01-24 | (CWR-203382) | | SPACER, oil sump rear support to cylinder head bolt . . . . . . . . (C4 only) | 4 |
| | G104-0102670 | 01-23 | A165243 (CWR-200332) | A165243 | SPRING, crankcase oil sump strainer . . . . . . . . (C1 only) | 1 |
| | G104-0102779 | 01-5,23 | A190784 (CWR-200755) | A190784 | STRAINER, crankcase oil sump, assembly (Includes: PLATE and RING) . . . . . . . . (C1 only) | 1 |
| | G104-2381996 | | A165248 (CWR-200335) | A165248 | STRAINER, oil sump . . . . . . . . (C1 only) | 1 |
| | G163-7008788 | 01-24 | 7008788 (CWR-203434) | | STRAINER, oil sump, assembly (Includes: PLUG and SLEEVE) . . . . . (C4 only) | 2 |
| | G103-1781814 | 01-5,23 | A175179 (CWR-200804) | A175179 | SUMP, oil, crankcase, assembly (Includes: ADAPTER assembly, CONNECTION, GASKETS, HOUSING, PLUGS, SCREWS, SPRING, STRAINER assembly, SUMP assembly CWR-200801, TUBE assemblies CWR-201853 and 201851, WASHERS and WIRE) . . . . . . . . (C1 only) | 1 |
| | G163-7008776 | | 7008776 (CWR-203481) | | SUMP, oil, crankcase, left hand, assembly (Includes: BRACKET, FITTING, GASKET, NUTS, PACKING, PLUG, STRAINER, SUMP assembly CWR-203439, TUBE, WASHER and WIRE) . . . . . . . . (C4 only) | 1 |
| | 2220-203417 | 01-24 | (CWR-203417) | | SUMP, oil, crankcase, left hand, assembly (Includes: BODY, HOUSING, PLUG, SUPPORTS and TUBE) . . . . . . . . (C4 only) | 1 |
| | 2220-203439 | | (CWR-203439) | | SUMP, oil, crankcase, left hand, assembly (Includes: STUDS and SUMP assembly CWR-203417) . . . . . . . . (C4 only) | 1 |
| | G163-7008775 | | 7008775 (CWR-203482) | | SUMP, oil, crankcase, right hand, assembly (Includes: BRACKET, FITTING, GASKET, NUTS, PACKING, PLUG, STRAINER, SUMP assembly CWR-203440, TUBE, WASHER and WIRE) . . . . . . . . (C4 only) | 1 |
| | 2220-203416 | 01-24 | (CWR-203416) | | SUMP, oil, crankcase, right hand, assembly (Includes: BODY, HOUSING, PLUG, SUPPORTS and TUBE) . . . . . . . . (C4 only) | 1 |
| | 2220-203440 | | (CWR-203440) | | SUMP, oil, crankcase, right hand, assembly (Includes: STUDS and SUMP assembly CWR-203416) . . . . . . . . (C4 only) | 1 |
| | G104-0103161 | 01-23 | E2132 (CWR-200801) | E2132 | SUMP, oil, crankcase, machining assembly (Includes: BODY, BUSHING and PLUG) . . . . . . . . (C1 only) | 1 |
| | 2220-203433 | | (CWR-203433) | | SUPPORT, left hand engine oil sump, rear . . . . . . . . (C4 only) | 2 |
| | 2220-203432 | | (CWR-203432) | | SUPPORT, right hand engine oil sump, rear . . . . . . . . (C4 only) | 2 |
| | | 01-24 | (AIR-AN4-15A) | | BOLT, hex-hd., S., 1/4-28NF-3 x 1 21/32 . . . . . . . . (C4 only) | 4 |
| | | 01-24 | (AIR-AN365-428) | | NUT, self-locking, S., 1/4-28NF-3 . . . . . . . . (C4 only) | 4 |

*(Cont.)*

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| H-1 | H101-0502266 | 01-24 | (AIR-AN960-416) | | WASHER, plain, S., cd-pltd., ¼ (oil sump rear support to cylinder head bolt) ....... (C4 only) | 4 | |
| | G104-6569810 | 01-26 | D69810 | D69810 | TANK, oil, assembly ....... | 1 | |
| H-1 | H001-0116217 | | 223596 | | BOLT, hex-hd., s-fin., alloy-S., ⅜-24NF-2 x ¾ (BAOX1CA) ....... | 6 | |
| H-1 | H001-1519011 | | 115549 | | WASHER, lock, internal teeth, reg., S., ⅜ (BEAX1L) ....... | 6 | |
| | G163-7008779 | 01-24 | 7008779 (CWR-203475) | | TEE, oil sump, w/TUBES, assembly ....... (C4 only) | 1 | |
| | 2220-201854 | | A247512 (CWR-201854) | A247512 | TUBE, crankcase oil sump, external ....... (C1 only) | 1 | |
| | G104-0103221 | | A175220 (CWR-200806) | A175220 | TUBE, crankcase oil sump, external, w/FLANGE, assembly (superseded by TUBE, CWR-201853) ....... (C1 only) | 1 | |
| | G104-1808036 | 01-5,23 | A247511 (CWR-201853) | A247511 | TUBE, crankcase oil sump, external, w/FLANGE, assembly (supersedes TUBE, CWR-200806) ....... (C1 only) | 1 | |
| | 2220-201852 | | A247510 (CWR-201852) | A247510 | TUBE, crankcase oil sump, internal ....... (C1 only) | 1 | |
| | G104-1807327 | | (CWR-200803) | | TUBE, crankcase oil sump, internal, w/FLANGE, assembly (superseded by TUBE, CWR-201851) ....... (C1 only) | 1 | |
| | G104-1807999 | 01-23 | A247509 (CWR-201851) | A247509 | TUBE, crankcase oil sump, internal, w/FLANGE, assembly (supersedes TUBE, CWR-200803) ....... (C1 only) | 1 | |
| | G104-0102167 | 01-23 | A186941 (CWR-200205) | A186941 | SCREW, crankcase oil sump tube flange to oil sump (hex-hd., 5/16-24 x 15/16) ....... (C1 only) | 2 | |
| | G163-7008778 | 01-24 | 7008778 (CWR-203478) | | TUBE, drain, crankcase oil sump, w/FITTINGS, assembly ....... (C4 only) | 1 | |
| | 2220-202817 | | B209536 (CWR-202817) | B209536 | TUBE, drain, fuel pump adapter to oil sump ....... (C1 only) | 1 | |
| | | | B325644 | B325644 | TUBE, engine oil cooler to temperature control ....... | 1 | |
| | | 01-26 | C136598 | C136598 | TUBE, engine oil return to oil tank cooling system ....... | 1 | |
| | | 01-26 | C136597 | C136597 | TUBE, engine oil supply to oil tank cooling system ....... | 1 | |
| | G163-7006818 | 01-4,13 | 7006818 (CWR-201736) | | TUBE, inter-rocker box ....... (C4 only) | 7 | |
| | G163-7006976 | 01-13,24 | 7006976 (CWR-202991) | | NUT, inter-rocker box tube gland ....... (C4 only) | 14 | |
| | G163-7006893 | 01-13 | 7006893 (CWR-202721) | | PACKING, inter-rocker box tube nut (also part of GASKET SET, CWR-S-202919) ....... (C4 only) | 14 | |
| | G163-7006903 | 01-24 | 7006903 (CWR-202999) | | WASHER, inter-rocker box tube packing (also part of GASKET SET, CWR-S-202919) ....... | 28 | |
| | | | B297542 | B297542 | TUBE, oil filler, lower, assembly ....... | 1 | |
| | 2220-203445 | | (CWR-203445) | | TUBE, oil sump to crankcase adapter ....... (C4 only) | 2 | |
| | 2220-203454 | | (CWR-203454) | | TUBE, oil sump to scavenger tee ....... (C4 only) | 2 | |
| | | | | | TUBE, oil tank nipple hose to hose (used with FILTER, 7026236) ....... | 1 | |
| | | | B325664 | B325664 | TUBE, oil temperature control to oil tank ....... | 1 | |
| | G104-0103209 | 01-10,11 | A165306 (CWR-200426) | A165306 | TUBE, rear crankcase section to diffuser oil passage (alloy-S., ¼ I.D. x .314 O.D. x ⅜ long) ....... | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G163-7008781 | | 7008781 (CWR-203462) | | TUBE, suction, oil scavenger by-pass ........ (C4 only) | 1 |
| | G163-7008786 | 01-24 | 7008786 (CWR-203446) | | TUBE, valve rocker box drain fitting to rocker box ........ (C4 only) | 4 |
| | G163-7006976 | | 7006976 (CWR-202991) | | NUT, gland, rocker box drain fitting to rocker box tube ........ (C4 only) | 8 |
| | G163-7006903 | 01-13 | 7006903 (CWR-202999) | | WASHER, rocker box drain fitting to rocker box tube ........ (C4 only) | 16 |
| | G104-1819413 | 06-27 | A297238 (CWR-203306) | A297238 | UNIT, sending, oil pressure ........ | 1 |
| | G148-0419384 | 06-27 | A264571 (CWR-202859) | A204571 | UNIT, sending, oil temperature ........ | 1 |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, lock, oil sump drain hole plug and strainer ........ | as req. |
| | | | | | **0106.8—OIL TEMPERATURE REGULATOR** | |
| | | 01-26 | B268071 | B268071 | CONTROL, oil temperature, engine ........ | 1 |
| H-1 | H001-1013030 | | 503382 | | SCREW, cap, hex-hd., S., 3/8-16NC-2 x 3/4 (BCAX1CA) ........ | 2 |
| H-1 | H001-1013245 | | 215992 | | SCREW, cap, hex-hd., S., 3/8-24NF-2 x 1 (BCBX1CC) ........ | 2 |
| H-1 | H001-1519011 | | 115549 | | WASHER, lock, internal teeth, reg., S., 3/8 (BEAX1L) ........ | 2 |
| H-6 | H006-0283025 | 01-26 | A164342E | A164342 | PLUG, pipe, oil temperature control ........ | 2 |
| | | | | | **0108—INTAKE AND EXHAUST MANIFOLDS** | |
| | G104-0100239 | | A229716 (CWR-201080) | A229716 | BOSS, engine intake pipe primer ........ (C1 only) | 6 |
| | G104-1537890 | 01-29 | (CWR-201807-M-1) | | CLAMP, exhaust pipe (cylinders 3-4 and 5-6) (2.5 in. diam.) ........ | 2 |
| | G104-1537887 | 01-29 | (CWR-201807-M-2) | | CLAMP, exhaust pipe (cylinders 2-3 and 6-7) (3.0 in. diam.) ........ | 2 |
| | G104-1537889 | 01-29 | (CWR-201807-M-3) | | CLAMP, exhaust pipe (cylinders 1-2, 7-8 and 8-9) (3.5 in. diam.) ........ | 3 |
| | G163-7005777 | | 7005777 (CWR-201807P) | | BOLT, exhaust manifold clamp ........ | 9 |
| | 2220-201807-P-3 | 01-29 | (CWR-201807-P-3) | | BOLT, exhaust manifold clamp ........ | 9 |
| | G104-1537888 | 01-29 | (CWR-201807M) | | CLAMP, exhaust pipe extension (cylinder 1 and 9) (2.0 in. diam.) ........ | 2 |
| | G104-1792717 | | D50176 (CWR-201454) | D50176 | ELBOW, exhaust ........ (C1 only) | 9 |
| | G104-1569066 | 01-12 | A247519 (CWR-201900) | A247519 | ELBOW, exhaust, w/STUDS, assembly ........ (C1 only) | 9 |
| | G104-0101320 | 01-12 | A165063 (CWR-200107) | A165063 | NUT, exhaust elbow to cylinder head stud (slotted, hex., 3/8-24) .... (C1 only) | 18 |
| | G104-0101180 | 01-12 | A165226 (CWR-200306) | A165226 | NUT, exhaust pipe flange to exhaust elbow stud (castle, 5/16-24) .. (C1 only) | 18 |
| | G104-5165196 | | A165196 (CWR-200258) | A165196 | STUD, exhaust elbow to exhaust pipe (alloy-S., 5/16-18NC (11/16) x 1 1/2 x 5/16-24NF (9/16) (standard) ........ (C1 only) | 18 |
| | G104-0102970 | | A165196B (CWR-200258-H) | A165196 | STUD, exhaust elbow to exhaust pipe (.003 oversize) ........ (C1 only) | as req. |
| | | | (CWR-200258-S) | | STUD, exhaust elbow to exhaust pipe (.007 oversize) ........ (C1 only) | as req. |
| | | | (CWR-200258-J) | | STUD, exhaust elbow to exhaust pipe (.012 oversize) ........ (C1 only) | as req. |
| | 2220-200264 | 01-12 | A165205 (CWR-200264) | A165205 | STUD, exhaust pipe elbow (alloy-S., dld. f/lkg-wire., 3/8-16NC (11/16) x 1 7/16 x 3/8-24NF (9/16) (standard) ........ (C1 only) | 18 |
| | G104-0103110 | | A165205B (CWR-200264-H) | A165205 | STUD, exhaust pipe elbow (.003 oversize) ........ (C1 only) | as req. |

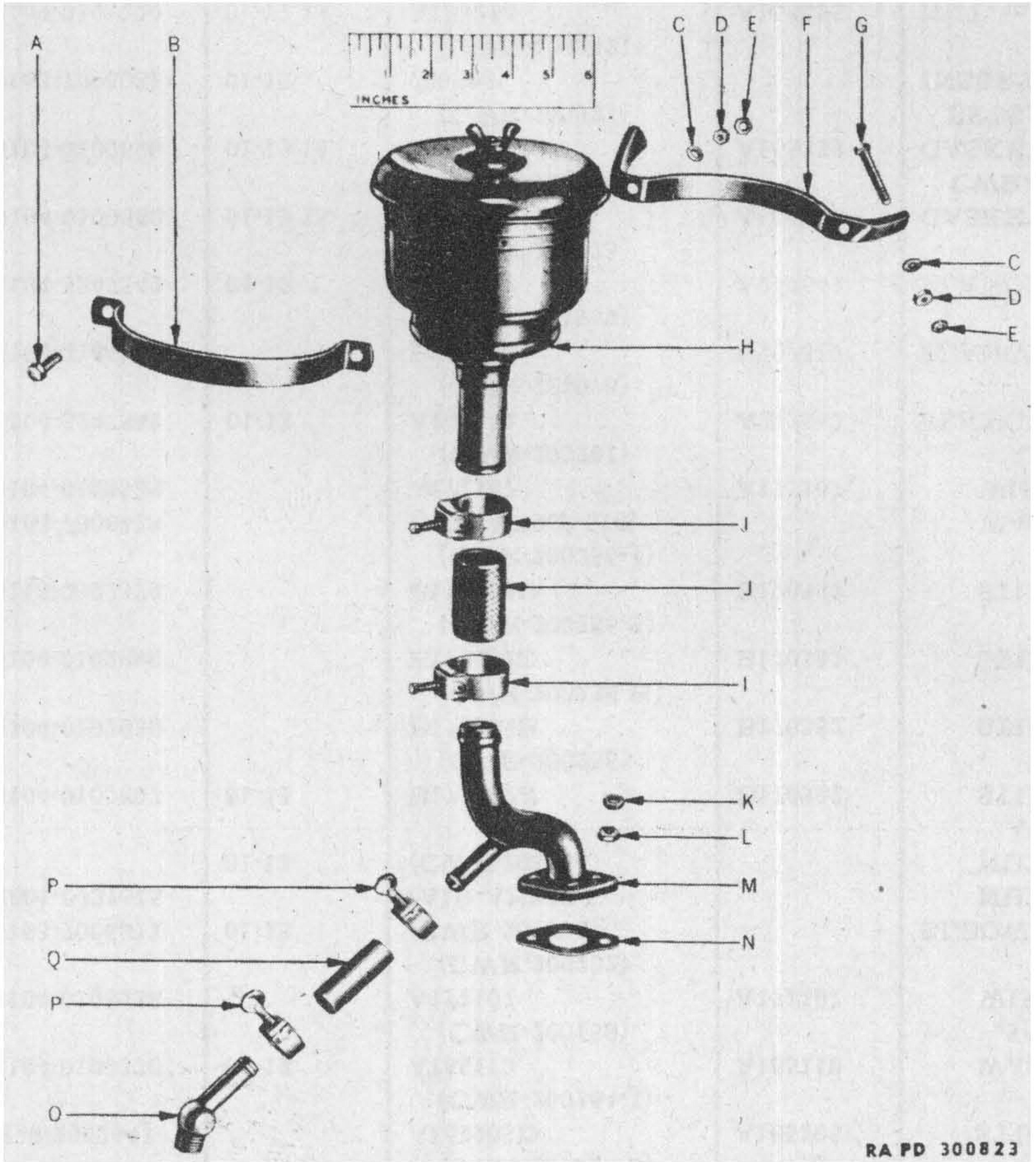
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| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SCREW | CWR-201670 | 0106.5 |
| B | CLAMP | CWR-201625 | 0106.5 |
| C | SUPPORT | CWR-201624 | 0106.5 |
| D | NUT | CWR-200109 | 0106.5 |
| E | WASHER | 113114 | 0106.5 |
| F | SCREW | CWR-201671 | 0106.5 |
| G | PALNUT | 147508 | 0106.5 |
| H | CLAMP | CWR-202206 | 0106.5 |
| I | HOSE | CWR-201626 | 0106.5 |
| J | NIPPLE | CWR-201984 | 0106.5 |
| K | ELBOW | CWR-201668 | 0106.5 |
| L | NIPPLE | CWR-201677 | 0106.5 |
| M | CLAMP | CWR-200300 | 0106.5 |
| N | HOSE | CWR-200985 | 0106.5 |
| O | BREATHER, ass'y | CWR-201618 | 0106.5 |

RA PD 337880E

**FIGURE 01-27 — CRANKCASE BREATHER AND RELATED PARTS (C1)**




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BOLT | AIR-AN4-6A | 0106.5 |
| B | CLAMP | CWR-203424 | 0106.5 |
| C | WASHER | AIR-AN960-416 | 0106.5 |
| D | NUT | AIR-AN360-4 | 0106.5 |
| E | NUT | AIR-356-428 | 0106.5 |
| F | SUPPORT | CWR-203423 | 0106.5 |
| G | BOLT | AIR-AN4-15A | 0106.5 |
| H | BREATHER, ass'y | CWR-203415 | 0106.5 |
| I | CLAMP | CWR-200300 | 0106.5 |
| J | HOSE | CWR-203561 | 0106.5 |
| K | NUT | AIR-356-524 | 0106.5 |
| L | NUT | AIR-AN360-5 | 0106.5 |
| M | TUBE, ass'y | CWR-203420 | 0106.5 |
| N | GASKET | CWR-203458 | 0106.5 |
| O | ELBOW | CWR-203425 | 0106.5 |
| P | CLAMP | CWR-202206 | 0106.5 |
| Q | HOSE | CWR-203196 | 0106.5 |

RA PD 300823C

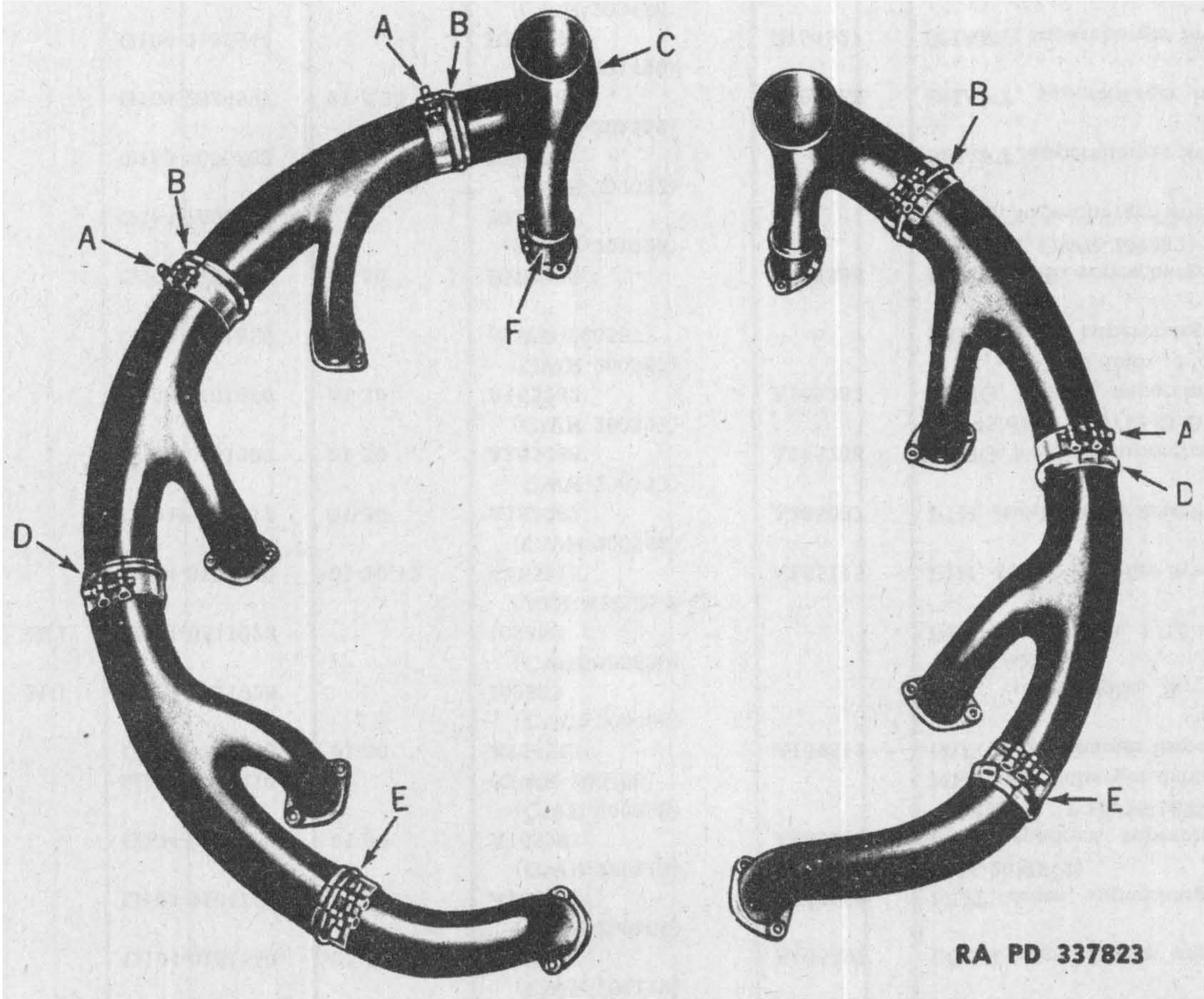
**FIGURE 01-28 — CRANKCASE BREATHER AND CONNECTIONS — EXPLODED VIEW (C4)**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | (Cont) | | |
| | G104-0103120 | | A165205C (CWR-200264-S) | A165205 | STUD, exhaust pipe elbow (.007 oversize) .......... (C1 only) | as req. | |
| | 2220-200264J | | A165205D (CWR-200264-J) | A165205 | STUD, exhaust pipe elbow (.012 oversize) .......... (C1 only) | as req. | |
| | G104-0103370 | 01-12 | A165110 (CWR-200158) | A165110 | WASHER, plain, exhaust elbow to cylinder head stud (25/64 I.D. x 5/8 O.D. x 3/64 thk.) .......... (C1 only) | 18 | |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, exhaust pipe elbow nut (chr-ni-S., .045 diam.) ..... (C1 only) | as req. | |
| | G163-7006817 | 01-13 | (CWR-201735) | | ELBOW, exhaust, w/STUDS, assembly .......... (C4 only) | 9 | |
| H-1 | H001-0721515 | | (AIR-AN355-5) | | NUT, slotted, hex., S., 5/16-24 (superseded by NUT, CWR-203686). (C4 only) | 36 | |
| | | 01-13 | (CWR-203686) | | NUT, self-locking, exhaust elbow to cylinder stud (supersedes NUT, AIR-AN355-5) .......... (C4 only) | 36 | |
| | G104-0102807 | 01-13 | B170332A (CWR-200256) | B170332 | STUD, exhaust elbow to cylinder (standard) .......... (C4 only) | 36 | |
| | G104-0102930 | | B170332B (CWR-200256-H) | B170332 | STUD, exhaust elbow to cylinder (.003 oversize) .......... (C4 only) | 36 | |
| | G104-0102940 | | B170332C (CWR-200256-S) | B170332 | STUD, exhaust elbow to cylinder (.007 oversize) .......... (C4 only) | 36 | |
| | G118-0392379 | | B170332D (CWR-200256-J) | B170332 | STUD, exhaust elbow to cylinder (.012 oversize) .......... (C4 only) | 36 | |
| | G163-7008413 | | (AIR-AN960-516) | | WASHER, plain, reg., S., 21/64 I.D. x 9/16 O.D. x .064 thk.) ..... (C4 only) | 36 | |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, exhaust elbow to cylinder stud (use with NUT, AIR-AN355-5) .......... (C4 only) | as req. | |
| | G104-5247542 | 01-13 | A247542 (CWR-201973) | A247542 | FLANGE, intake pipe .......... (C4 only) | 9 | |
| | G104-2184599 | | B207312 (CWR-201959) | B207312 | FLANGE, intake pipe (cylinders 1-5-6) .......... (C1 only) | 3 | |
| | G104-5247542 | 01-12 | A247542 (CWR-201973) | A247542 | FLANGE, intake pipe (cylinders 2-3-4-7-8-9) .......... (C1 only) | 6 | |
| | G104-0100680 | 01-12,13 | A165296 (CWR-200404) | A165296 | GASKET, exhaust pipe flange (also part of GASKET SETS, CWR-S-201468 and CWR-S-203497) .......... | 9 | |
| | G104-0100690 | 01-12,13 | A165238 (CWR-200323) | A165238 | GASKET, intake pipe to cylinder (vellumoid, 1/16 thk.) (also part of GASKET SETS, CWR-S-201468 and CWR-S-203497) .......... | 9 | |
| | G163-7006981 | 01-13 | 7006981 (CWR-203242) | | INSERT, engine cylinder intake pipe flange .......... | 3 | |
| | G104-0101220 | 01-12,13 | A165256 (CWR-200346) | A165256 | NUT, intake pipe packing .......... | 9 | |
| | G104-0101380 | 01-12,13 | A165257 (CWR-200347) | A165257 | PACKING, intake pipe (2 I.D. x 2 9/32 O.D. x 3/8) (also part of GASKET SETS, CWR-S-201468 and CWR-S-203497) .......... | 9 | |
| | G163-7006849 | 01-4 | (CWR-202372) | | MANIFOLD, exhaust, assembly (Includes: BOLTS, CLAMPS and PIPES) .......... (C4 only) | 1 | |
| | | | (CWR-203405) | | MANIFOLD, exhaust, assembly (Includes: right and left MANIFOLD assemblies) (optional with MANIFOLD, CWR-201807) .......... (C1 only) | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-1687364 | | (CWR-201807) | | MANIFOLD, exhaust, assembly (Includes: right and left MANIFOLD assemblies) (optional with MANIFOLD, CWR-203405) . . . . (C1 only) | 1 |
| | G104-1687359 | 01-1, 29 | (CWR-S-201807L) | | MANIFOLD, exhaust, left, assembly (cylinders 5-6-7-8-9) . . . . (C1 only) | 1 |
| | G104-1687360 | 01-1 | (CWR-S-201807R) | | MANIFOLD, exhaust, right, assembly (cylinders 1-2-3-4) . . . . (C1 only) | 1 |
| | | 01-2 | (CWR-202372-1) | | PIPE, exhaust (cylinder No. 1) . . . . (C4 only) | 1 |
| | | 01-2 | (CWR-202372-2) | | PIPE, exhaust (cylinder No. 2) . . . . (C4 only) | 1 |
| | | 01-2 | (CWR-202372-3) | | PIPE, exhaust (cylinder No. 3) . . . . (C4 only) | 1 |
| | | 01-2 | (CWR-202372-4) | | PIPE, exhaust (cylinder No. 4) . . . . (C4 only) | 1 |
| | | 01-2 | (CWR-202372-5) | | PIPE, exhaust (cylinder No. 5) . . . . (C4 only) | 1 |
| | | 01-2 | (CWR-202372-6) | | PIPE, exhaust (cylinder No. 6) . . . . (C4 only) | 1 |
| | | 01-2 | (CWR-202372-7) | | PIPE, exhaust (cylinder No. 7) . . . . (C4 only) | 1 |
| | | 01-2 | (CWR-202372-8) | | PIPE, exhaust (cylinder No. 8) . . . . (C4 only) | 1 |
| | | 01-2 | (CWR-202372-9) | | PIPE, exhaust (cylinder No. 9) . . . . (C4 only) | 1 |
| | | | (CWR-203686) | | NUT, self-locking, exhaust pipe flange stud (supersedes NUT, AIR-AN355-5) . . . . (C4 only) | 18 |
| H-1 | H001-0721515 | | (AIR-AN355-5) | | NUT, slotted, hex., S., 5/16-24 (exhaust manifold pipe stud) (superseded by NUT, CWR-203686) . . . . (C4 only) | 18 |
| | G163-7006819 | 01-13 | 7006819 (CWR-201737) | | STUD, exhaust pipe flange to exhaust elbow (alloy-S., 5/16-24NF-3 (.56) x 1.35 x 5/16-18NC (.68) (special) (standard) . . . . (C4 only) | 18 |
| | 2220-201737H | | (CWR-201737-H) | | STUD, exhaust pipe flange to exhaust elbow (.003 oversize) . . . . (C4 only) | 18 |
| | 2220-201737S | | (CWR-201737-S) | | STUD, exhaust pipe flange to exhaust elbow (.007 oversize) . . . . (C4 only) | 18 |
| | | | (CWR-201737-J) | | STUD, exhaust pipe flange to exhaust elbow (.012 oversize) . . . . (C4 only) | 18 |
| | G104-0103538 | | (CWR-200202) | | WIRE, locking, exhaust manifold flange stud nut (.045 diam.) (used only with NUT, AIR-AN355-5) . . . . (C4 only) | as req. |
| | | | (CWR-202372-10) | | PIPE, extension, exhaust (cylinders 1 and 9) . . . . (C4 only) | 2 |
| | G163-5599630 | | (CWR-201856) | | PIPE, intake . . . . (C4 only) | 9 |
| | G163-7006947 | 01-13, 05-3 | (CWR-203287) | | SCREW, intake pipe to cylinder head . . . . (C4 only) | 27 |
| | A054-0442638 | | (AIR-AN935-516) | | WASHER, locking, reg., S., cd-pltd., 5/16 . . . . (C4 only) | 27 |
| | G163-5599630 | 01-13 | C99630 (CWR-201856) | C99630 | PIPE, intake (cylinder 1-5-6) . . . . (C1 only) | 3 |
| | G104-0101510 | | C66768 (CWR-200457) | C66768 | PIPE, intake, assembly (Includes: BOSS, FLANGE and PIPE) (cylinders 5-6) (superseded by PIPE, CWR-201855) . . . . (C1 only) | 2 |
| | G104-2338749 | | C99628 (CWR-201855) | C99628 | PIPE, intake, assembly (Includes: BOSS, FLANGE and PIPE, CWR-201856) (cylinders 1-5-6) (this pipe has no primer connection) (supersedes PIPE, CWR-200457) . . . . (C1 only) | 3 |
| | G104-0101511 | | (CWR-201037) | | PIPE, intake, assembly (Includes: BOSS, FLANGE and PIPE) (cylinders 1-2-3-4-7-8-9) (superseded by PIPE, CWR-201857) . . . . (C1 only) | 7 |
| | G104-1738782 | 01-12 | C99667 (CWR-201857) | C99667 | PIPE, intake, assembly (Includes: BOSS, FLANGE and PIPE, CWR-201858) (cylinders 2-3-4-7-8-9) (supersedes PIPE, CWR-201037) . . . . (C1 only) | 6 |
| | 2220-201858 | | C99668 (CWR-201858) | C99668 | PIPE, intake (cylinders 2-3-4-7-8-9) . . . . (C1 only) | 6 |
| | G104-0100216 | 01-12 | A165128 (CWR-200185) | A165128 | SCREW, plain, intake pipe to cylinder (hex., 5/16-24 x 13/16) . . . . (C1 only) | 18 |
| | G104-1781894 | | A146133 (CWR-201422) | A146133 | SCREW, intake pipe to cylinder (at deflector bracket) (hex-hd., 5/16-24NF x .938) . . . . (C1 only) | 9 |
| | G104-0103330 | 01-12 | A165109 (CWR-200156) | A165109 | WASHER, plain, intake pipe to cylinder screw (21/64 I.D. x 19/32 O.D. x 5/64 thk.) . . . . (C1 only) | 27 |
| H-1 | H001-1518008 | 01-12 | 103320 (CWR-200163) | | WASHER, lock, reg., S., 5/16 (BECX1H) . . . . (C1 only) | 27 |
| | G104-1617728 | | A186520A (CWR-200860) | A186520 | PLUG, cylinder head priming boss (cylinders 1-5-6) . . . . (C4 only) | 3 |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1617728 | | A186520A (CWR-200860) | A186520 | PLUG, intake pipe, primer boss . . . . (C1 only) | 6 | |
| | G104-0103343 | 01-12 | A229734 (CWR-201415) | A229734 | SPACER, exhaust pipe flange stud . . . . (C1 only) | 18 | |
| | | | | | **0109.1—SUPERCHARGER IMPELLER AND DRIVE** | | |
| | G104-0100120 | 01-6,30 | A165180 (CWR-200244) (MRC-204-R2) (ND-F-20204A) | A165180 | BEARING, ball (annular, single row, light series, 2.7559 bore, 4.9213 O.D., .9449 width) (impeller shaft) . . . . | 2 | |
| | G104-0100115 | 01-30 | B154515 (CWR-200416) | B154515 | BEARING, supercharger impeller drive gear hub . . . . (C1 only) | 1 | |
| | G163-7006808 | | 7006808 (CWR-201615) | | BEARING, supercharger impeller drive gear hub . . . . (C4 only) | 1 | |
| | G104-0100261 | 01-30 | A165291 (CWR-200397) | A165291 | BUSHING, supercharger impeller drive gear (bz., 1.11 I.D., 1 25/32 long) . . . . | 1 | |
| | G104-0100292 | | (CWR-200556) | | CAGE, supercharger impeller shaft rear bearing (superseded by CAGE, CWR-201847) . . . . (C1 only) | 1 | |
| | G104-0100292 | 01-30 | B207301 (CWR-201847) | B207301 | CAGE, supercharger impeller shaft rear bearing (supersedes CAGE, CWR-200556) | 1 | |
| | G104-0102170 | 01-30 | A165165 (CWR-200225) | A165165 | SCREW, impeller shaft rear bearing cage (mach., fil-hd., alloy-S., cd-pltd., dld. f/lkg-wire., No. 10-32NF-2 x 19/32) . . . . | 8 | |
| | G104-0100685 | 01-30 | B154511 (CWR-200403) | B154511 | GASKET, supercharger impeller drive shaft front bearing support (vellumoid, 3 1/16 I.D. x 5 1/16 O.D. x .010 thk.) (also part of GASKET SETS, CWR-S-201468 and CWR-S-203497) . . . . | 1 | |
| | G104-0100686 | | A171139 (CWR-200633) | A171139 | GASKET, supercharger impeller drive shaft rear bearing cage (vellumoid, 2 I.D. x 2.78 O.D. x .0025 thk.) (also part of GASKET SETS, CWR-S-201468 and CWR-S-203497) . . . . | 2 | |
| | G104-0100800 | 01-5,30 | C74046 (CWR-201845) | C74046 | GEAR, driven, supercharger impeller, w/SHAFT and SLINGER, assembly . . . . (C1 only) | 1 | |
| | 2220-200544 | 01-30 | C66786 (CWR-200544) | C66786 | GEAR, supercharger impeller drive . . . . (C1 only) | 1 | |
| | G163-7006814 | 01-6 | 7006814 (CWR-201732) | | GEAR, supercharger impeller drive . . . . (C4 only) | 1 | |
| | G163-7006813 | | 7006813 (CWR-201731) | | GEAR, supercharger impeller drive, assembly (Includes: BUSHING, GEAR and PIN) . . . . (C4 only) | 1 | |
| | G104-0100791 | 01-5 | B154543 (CWR-200473) | B154543 | GEAR, supercharger impeller drive, assembly (Includes: BUSHINGS, GEAR and PIN) . . . . (C1 only) | 1 | |
| | G163-7006816 | 01-6 | 7006816 (CWR-201734) | | GEAR, driven, supercharger impeller, w/SHAFT and SLINGER, assembly . . . . (C4 only) | 1 | |
| | G104-0100900 | 01-30 | A165384 (CWR-200558) | A165384 | GUIDE, supercharger impeller shaft oil sealing ring (alloy-S., .741 I.D. x 1.355 O.D. x .12 thk.) . . . . | 1 | |

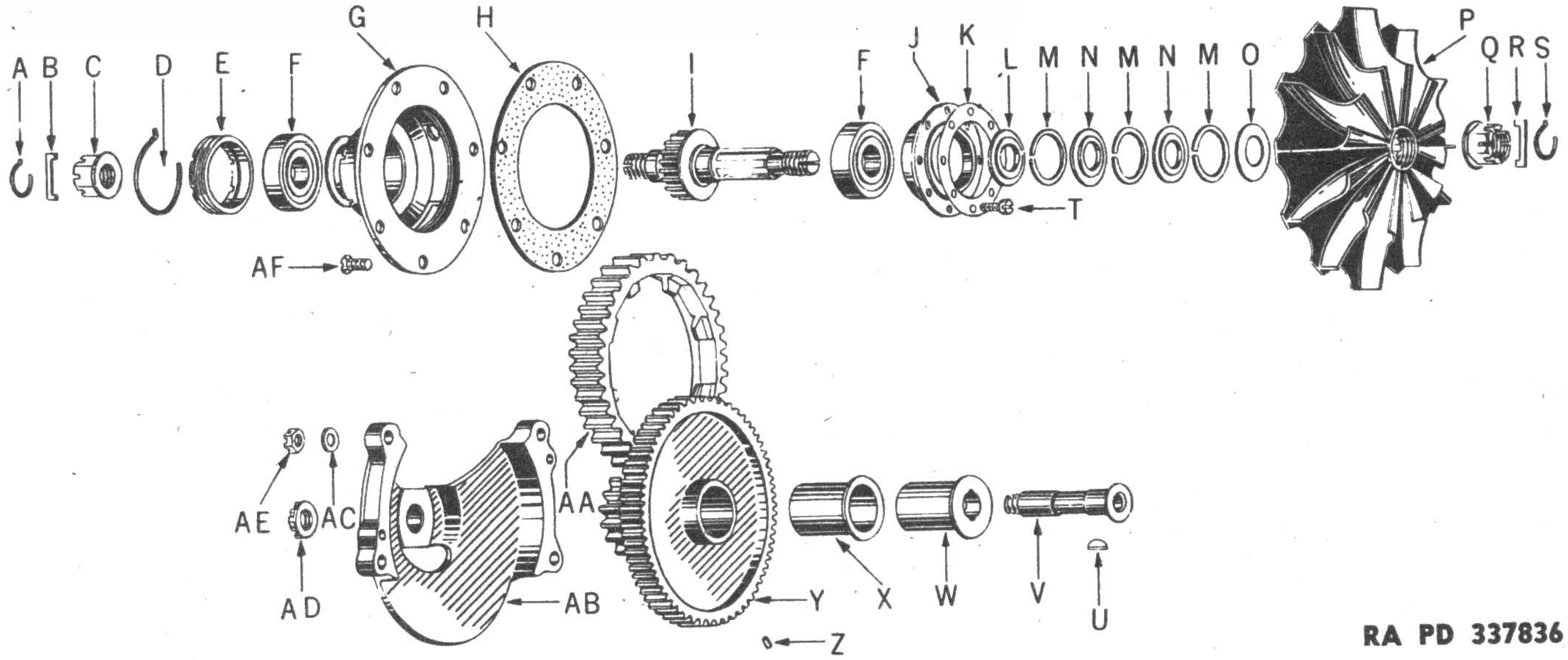
| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0100899 | 01-30 | A171138 (CWR-200612) | A171138 | GUIDE, supercharger impeller shaft oil sealing ring (alloy-S., .741 I.D. x 1.355 O.D. x .15 thk.) | 1 |
| | G163-7006804 | 01-6 | 7006804 (CWR-201571) | | IMPELLER, supercharger ......(C4 only) | 1 |
| | G104-0100970 | 01-5,30 | C66757 (CWR-200423) (WE-26666) | C66757 | IMPELLER, supercharger ......(C1 only) | 1 |
| | G104-0101010 | 01-30 | A186651 (CWR-200119) | A186651 | KEY, Woodruff, supercharger impeller drive gear shaft (alloy-S., ⅛ x ½, No. 404) | 1 |
| | G104-0101060 | 01-30 | A165297 (CWR-200409) | A165297 | LOCK, supercharger impeller shaft front and rear nut | 2 |
| | G104-0101190 | 01-30 | A165159 (CWR-200213) | A165159 | NUT, acorn, supercharger impeller drive gear shaft (collared, alloy-S., cd-pltd., ½-20NF-2) | 1 |
| | G104-0101200 | 01-30 | A165283 (CWR-200388) | A165283 | NUT, spanner, supercharger impeller shaft front ball bearing retainer, male (alloy S., 1 15/16-18TPI, ½ long, special) | 1 |
| | G104-0101210 | | (CWR-200408) | | NUT, supercharger driven gear shaft, front ......(C4 only) | 1 |
| | G104-0101210 | 01-30 | A154512 (CWR-200408) | A154512 | NUT, supercharger impeller shaft, front and rear | 2 |
| H-1 | H001-0811028 | | 103363 (CWR-200820) | | PIN, cotter, split, S., 1/16 x 1 (supercharger impeller drive gear shaft) (BFAX1BQ) ......(C1 only) | 1 |
| H-1 | H001-0811028 | | 103363 (AIR-AN380-2-4) | | PIN, cotter, split, 1/16 x 1 (supercharger impeller drive gear shaft) (BFAX1BQ) ......(C4 only) | 1 |
| | G104-0100540 | 01-10,11 | A165115 (CWR-200166) | A165115 | PIN, dowel, impeller drive gear shaft support (stght., ¼ x ½) | 2 |
| | G104-0101417 | 01-30 | A165087 (CWR-200132) | A165087 | PIN, stght., supercharger impeller drive gear bushing (br., 3/32 x ¼) | 1 |
| | G104-0101090 | 01-30 | A165288 (CWR-200393) | A165288 | RING, locking, supercharger impeller drive shaft front and rear lock nut (S., wire .045 diam., 13/16 O.D.) | 2 |
| | G104-0101080 | 01-30 | A165282 (CWR-200387) | A165282 | RING, locking, supercharger impeller drive shaft front ball bearing retainer nut (S., wire .080 diam., 1⅞ I.D.) | 1 |
| | G104-0101850 | | (CWR-200557) | | RING, split, supercharger impeller oil seal (superseded by RING, CWR-201924) ......(C1 only) | 3 |
| | G104-1769788 | 01-30 | B207306 (CWR-201924) | B207306 | RING, split, supercharger impeller oil seal (bz., 1.375 O.D. closed) (optional with RING, CWR-202032) (supersedes RING, CWR-200557) | 3 |
| | G104-7006838 | | 7006838 (CWR-202032) | | RING, supercharger impeller oil seal (optional with RING, CWR-201924) | 3 |
| | G163-7006803 | | 7006803 (CWR-201552) | | SHAFT, supercharger impeller drive gear ......(C4 only) | 1 |
| | G104-2384597 | 01-5,30 | B206683 (CWR-201499) | B206683 | SHAFT, supercharger impeller drive gear (supersedes SHAFT, CWR-200458) ......(C1 only) | 1 |
| | G104-0102340 | | B154527 (CWR-200458) | B154527 | SHAFT, supercharger impeller drive gear (superseded by SHAFT, CWR-201499) ......(C1 only) | 1 |
| | G163-7006829 | | 7006829 (CWR-201784) | | SHIM, adjusting, supercharger impeller (.010 thk.) ......(C4 only) | as req. |
| | G163-7006973 | | 7006973 (CWR-202940) | | SHIM, adjusting, supercharger impeller (.015 thk.) ......(C4 only) | as req. |
| | G163-7006930 | | 7006930 (CWR-203233) | | SHIM, supercharger impeller, rear ......(C4 only) | 1 |
| | G104-0102430 | | A165223A (CWR-200832) | A165223 | SHIM, supercharger impeller shaft bearing (1 9/16 I.D. x 1 27/32 O.D. x .015 thk.) ......(C1 only) | as req. |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BOLT .......... | CWR-201807-P-3 ... | 0108 |
| B | CLAMP .......... | CWR-201807-M3 .. | 0108 |
| C | MANIFOLD, ass'y | CWR-201807L ..... | 0108 |
| D | CLAMP .......... | CWR-201807-M2 .. | 0108 |
| E | CLAMP .......... | CWR-201807-M1 .. | 0108 |
| F | CLAMP, ass'y .... | CWR-201807-M ... | 0108 |

RA PD 337823C

**FIGURE 01-29 — EXHAUST MANIFOLDS**




# FIGURE 01-30 — SUPERCHARGER IMPELLER DRIVE — EXPLODED VIEW (C1)

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | RING | CWR-200393 | 0109.1 |
| B | LOCK | CWR-200409 | 0109.1 |
| C | NUT | CWR-200408 | 0109.1 |
| D | RING | CWR-200387 | 0109.1 |
| E | NUT | CWR-200388 | 0109.1 |
| F | BEARING | CWR-200244 | 0109.1 |
| G | SUPPORT | CWR-200554 | 0109.1 |
| H | GASKET | CWR-200403 | 0109.1 |
| I | GEAR, ass'y | CWR-201845 | 0109.1 |
| J | CAGE | CWR-201847 | 0109.1 |
| K | SHIM | CWR-200609 | 0109.1 |
| L | GUIDE | CWR-200612 | 0109.1 |
| M | RING | CWR-201924 | 0109.1 |
| N | GUIDE | CWR-200558 | 0109.1 |
| O | SPACER | CWR-200559 | 0109.1 |
| P | IMPELLER | CWR-200423 | 0109.1 |
| Q | NUT | CWR-200408 | 0109.1 |
| R | LOCK | CWR-200409 | 0109.1 |
| S | RING | CWR-200393 | 0109.1 |
| T | SCREW | CWR-200225 | 0109.1 |
| U | KEY | CWR-200119 | 0109.1 |
| V | SHAFT | CWR-201499 | 0109.1 |
| W | BEARING | CWR-200416 | 0109.1 |
| X | BUSHING | CWR-200397 | 0109.1 |
| Y | GEAR | CWR-200544 | 0109.1 |
| Z | PIN | CWR-200132 | 0109.1 |
| AA | GEAR | CWR-200635 | 0102 |
| AB | SUPPORT | CWR-200417 | 0109.1 |
| AC | WASHER | CWR-200156 | 0109.1 |
| AD | NUT | CWR-200213 | 0109.1 |
| AE | NUT | CWR-200106 | 0109.1 |
| AF | SCREW | CWR-200189 | 0109.1 |

RA PD 337836E

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0102440 | | A165223B (CWR-200833) | A165223 | SHIM, supercharger impeller shaft bearing (1 9/16 I.D. x 1 27/32 O.D. x .020 thk.) ........ (C1 only) | as req. | |
| | G104-0102450 | | A165223C (CWR-200834) | A165223 | SHIM, supercharger impeller shaft bearing (1 9/16 I.D. x 1 27/32 O.D. x .025 thk.) ........ (C1 only) | as req. | |
| | G104-0102460 | | A165223D (CWR-200835) | A165223 | SHIM, supercharger impeller shaft bearing (1 9/16 I.D. x 1 27/32 O.D. x .030 thk.) ........ (C1 only) | as req. | |
| | G104-0102484 | 01-30 | A186951 (CWR-200609) | A186951 | SHIM, supercharger impeller shaft rear bearing cage (2.08 I.D. x 2.78 O.D. x .01 thk.) ........ | 1 | |
| | G104-0102610 | 01-30 | A165385 (CWR-200559) | A165385 | SPACER, supercharger impeller drive shaft oil seal ring guide (.74 I.D. x 1.35 O.D. x 1/16 thk.) ........ (C1 only) | 1 | |
| | G104-0103191 | 01-6,30 | D38469 (CWR-200554) (CWR-65023) | D38469 | SUPPORT, supercharger impeller drive shaft front bearing ........ | 1 | |
| | G104-0102180 | 01-30 | A165132 (CWR-200189) | A165132 | SCREW, supercharger impeller shaft front bearing support (mach., fl-hd., S., cd-pltd., 5/16-18NC-2 x 21/32) ........ | 7 | |
| | G163-7006830 | 01-6 | 7006830 (CWR-201785) | | SUPPORT, supercharger impeller drive gear shaft ........ (C4 only) | 1 | |
| | G104-0103190 | 01-5,30 | D33297 (CWR-200417) | D33297 | SUPPORT, supercharger impeller drive gear shaft ........ (C1 only) | 1 | |
| H-1 | H001-0271515 | | C74378B (AIR-AN355-5) | C74378 | NUT, slotted, hex., S., 5/16 x 24 ........ (C4 only) | 4 | |
| | G104-0101360 | | A165062 (CWR-200106) | A165062 | NUT, impeller drive gear shaft support stud (acorn, alloy-S., cd-pltd., 5/16-24NF-2) ........ (C1 only) | 4 | |
| | G167-0338705 | | (AIR-AN-380-2-2) | | PIN, cotter, split, S., 1/16 x ½ ........ (C4 only) | 4 | |
| H-1 | H001-0811027 | | 103362 (CWR-200821) | | PIN, cotter, split, S., 1/16 x ¾ (superseded by PIN, CWR-200818) (BFAX1BE) ........ (C1 only) | 4 | |
| H-1 | H001-4417141 | | (CWR-200818) | | PIN, cotter, split, S., cd-pltd., 1/16 x ¾ (supersedes PIN, CWR-200821) (BFAX1BE-1) ........ (C1 only) | 4 | |
| | G104-5165196 | 01-10,11 | A165196 (CWR-200258) | A165196 | STUD, impeller drive gear shaft support (alloy-S., dld. f/c-pin., 5/16-18NC (11/16) x 1½ x 5/16-24NF (9/16) (standard) ........ | 4 | |
| | G104-0102970 | | A165196B (CWR-200258-H) | A165196 | STUD, impeller drive gear shaft support (.003 oversize) ........ | as req. | |
| | G104-0102980 | | A165196C (CWR-200258-S) | A165196 | STUD, impeller drive gear shaft support (.007 oversize) ........ | as req. | |
| | 2220-200258J | | A165196D (CWR-200258-J) | A165196 | STUD, impeller drive gear shaft support (.012 oversize) ........ | as req. | |
| | G104-0103330 | 01-30 | A165109 (CWR-200156) | A165109 | WASHER, plain, impeller drive gear shaft support stud (alloy-S., cd-pltd., 21/64 x 19/32 x 5/64) ........ (C1 only) | 4 | |
| | | | (AIR-AN960-516) | | WASHER, plain, reg., S., 5/16 ........ (C4 only) | 4 | |
| | | | | | **0109.2—THREE-WAY ACCESSORY AND FUEL PUMP DRIVE** | | |
| | G104-0100009 | | A229711 (CWR-200898) | A229711 | ADAPTER, fuel pump drive, assembly (Includes: ADAPTER and BUSHING) (used with Romec pump only) ........ (C1 only) | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-2503603 | 01-34 | (CWR-202492) | | ADAPTER, fuel pump drive shaft, assembly (Includes: ADAPTER and BUSHINGS) (use with AC pump only) | 1 |
| | G163-0382004 | 01-34 | (CWR-202493) | | SCREW, fuel pump drive shaft adapter to housing | 3 |
| | G163-0101801 | | (CWR-202449) | | ADAPTER, fuel pump drive shaft (use with AC pump only) | 1 |
| | 2220-200911 | | B194618<br>(CWR-200911) | B194618 | ADAPTER, fuel pump (use with Romec pump only) (C1 only) | 1 |
| | G104-6194616 | 01-33 | B194616<br>(CWR-200916) | B194616 | ADAPTER, left hand vacuum pump | 1 |
| | G104-0100008 | | A229712<br>(CWR-200899) | A229712 | ADAPTER, left hand vacuum pump, assembly (Includes: ADAPTER and BUSHING) | 1 |
| | G104-0100012 | 01-33 | B193405<br>(CWR-200914) | B193405 | ADAPTER, three-way accessory drive gear shaft | 1 |
| | G104-0100252 | 01-32 | A165310<br>(CWR-200431) | A165310 | BUSHING, accessory drive idler gear | 2 |
| | G104-2556042 | 01-32 | (CWR-202405) | | BUSHING, accessory drive shaft, front (supersedes BUSHING, CWR-200357) | 2 |
| | | | (CWR-202405-Y-2) | | BUSHING, accessory drive shaft, front (.010 oversize O.D.) | as req. |
| | | | (CWR-202405-Y-10 | | BUSHING, accessory drive shaft, front (.030 oversize O.D.) | as req. |
| | G104-0100253 | | B154495<br>(CWR-200357) | B154495 | BUSHING, accessory drive shaft, front (superseded by BUSHING, CWR-202405) (C1 only) | 2 |
| | | | (CWR-202407-Y-1) | | BUSHING, accessory drive shaft, rear (.010 oversize O.D.) | as req. |
| | G104-1556035 | 01-32 | (CWR-202407) | | BUSHING, accessory drive shaft, rear (supersedes BUSHING, CWR-200358) | 2 |
| | G104-1527740 | | B154496<br>(CWR-200358) | B154496 | BUSHING, accessory drive shaft, rear (superseded by BUSHING, CWR-202407) (C1 only) | 2 |
| | G104-0100285 | 01-33 | A229720<br>(CWR-200915) | A229720 | BUSHING, adapter, left hand vacuum pump | 1 |
| | G104-0100286 | 01-34 | A229721<br>(CWR-200910) | A229721 | BUSHING, fuel pump drive shaft drive gear | 1 |
| | G163-0128023 | 01-34 | (CWR-202451) | | BUSHING, fuel pump drive shaft, front and rear | 2 |
| | G104-0100284 | 01-33 | A229718<br>(CWR-200926) | A229718 | BUSHING, three-way accessory drive gear | 1 |
| | G104-1527710 | | A229738<br>(CWR-200889) | A229738 | BUSHING, three-way accessory drive left hand vacuum pump attaching stud, fuel pump attaching stud (use with HOUSING, assembly CWR-200902) (C1 only) | 6 |
| | G163-0129663 | | (CWR-202452) | | CAM, fuel pump drive shaft | 1 |
| | G104-5229717 | | A229717<br>(CWR-200927) | A229717 | COLLAR, vacuum and fuel pump drive shaft | 1 |
| | G104-1540267 | | B194615<br>(CWR-200917) | B194615 | COVER, tachometer and three-way accessory drive adapter | 1 |
| | G104-1557104 | 01-33 | B207299<br>(CWR-201815) | B207299 | COVER, three-way accessory drive left hand vacuum pump flange | 1 |
| H-1 | H001-0718021 | 01-33 | 218579<br>A165066<br>(AIR-AN360-4)<br>(CWR-200109) | A165066 | NUT, hex., S., 1/4-28NF-3 (BBBX1AA) | 4 |
| H-1 | H001-0726005 | 01-33 | 147508<br>(AIR-356-428)<br>(CWR-200830) | | NUT, lock, hex., S., 1/4-28 NF (BBSX6N) | 4 |
| | G104-1792308 | 01-33 | A229732<br>(CWR-200893) | A229732 | STUD, left hand vacuum pump adapter and cover (alloy-S., 1/4-20NC (5/8) x 1 11/16 x 1/4-28NF (21/32) (standard) | 4 |
| | | | (CWR-200893-H) | | STUD, left hand vacuum pump adapter and cover (.003 oversize) | as req. |
| | | | (CWR-200893-S) | | STUD, left hand vacuum pump adapter and cover (.007 oversize) | as req. |
| | | | (CWR-200893-J) | | STUD, left hand vacuum pump adapter and cover (.012 oversize) *(Cont.)* | as req. |

# GROUP 01 — ENGINE

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| | G104-0103270 | 01-33 | A165122 (CWR-200176) | A165122 | WASHER, plain, left hand vacuum pump adapter and cover stud (alloy-S., cd-pltd., 17/64 x ½ x 3/64) | 4 | |
| | G104-0103310 | | (AIR-AN960-416) | | WASHER, plain, S., cd-pltd., ¼ ....(C4 only) | 4 | |
| | G104-1541451 | 01-33 | D50178 (CWR-201497) | D50178 | COVER, three-way accessory drive right hand vacuum pump flange | 1 | |
| | G163-7005764 | 01-33 | 7005764 (AIR-AN360-5) | | NUT, hex., S., 5/16-24NF-3 | 4 | |
| H-1 | H001-4057561 | 01-33 | 107822 (AIR-356-524) | | NUT, lock, hex., S., 5/16-24NF | 4 | |
| | G163-7006996 | | 7006996 (CWR-203319) | | STUD, three-way accessory drive right hand vacuum pump flange cover (5/16-18 x 5/16-24 x 1⅜) (standard) | 4 | |
| | 2220-203319H | | (CWR-203319-H) | | STUD, three-way accessory drive right hand vacuum pump flange cover (.003 oversize) | as req. | |
| | 2220-203319S | | (CWR-203319-S) | | STUD, three-way accessory drive right hand vacuum pump flange cover (.007 oversize) | as req. | |
| | | | (CWR-203319-J) | | STUD, three-way accessory drive right hand vacuum pump flange cover (.012 oversize) | as req. | |
| | | 01-33 | (AIR-AN960-516) | | WASHER, plain, S., 5/16 | 4 | |
| | G163-0384665 | | (CWR-202488) | | DRIVE, fuel pump, assembly (Includes: ADAPTER assembly CWR-202492, GEAR assembly CWR-200897, HOUSING assembly CWR-202490, SCREW, SHAFT assembly CWR-202506 and WIRE) | 1 | |
| | G104-1557109 | | A229753 (CWR-200936) | A229753 | DRIVE, three-way accessory, assembly (Includes: ADAPTER assembly CWR-200899, COVERS, GASKETS, HOUSING assembly CWR-200902, NUTS, PALNUTS, SHAFT assembly CWR-200903 and WASHERS) (superseded by DRIVE, CWR-203311) ....(C1 only) | 1 | |
| | G104-7007364 | 01-1,2 | 7007364 (CWR-203311) | | DRIVE, three-way accessory, assembly (Includes: ADAPTER assembly CWR-200899, COVERS, GASKETS, HOUSING assembly CWR-203305, NUTS, PALNUTS, SHAFT assembly CWR-200903 and WASHER) (supersedes DRIVE, CWR-200936) ....(C1 only) | 1 | |
| | G163-7006991 | | (CWR-203309) | | DRIVE, three-way accessory, assembly (Includes: ADAPTER assembly CWR-200899, COVERS, GASKETS, HOUSING assembly CWR-203305, NUTS, PALNUTS, SHAFT assembly CWR-200903 and WASHERS) ....(C4 only) | 1 | |
| | G104-0100684 | | A171122 (CWR-200303) | A171122 | GASKET, fuel pump housing to three-way accessory drive housing (also parts of GASKET SETS, CWR-S-201468, CWR-S-203497 and CWR-S-202919) | 1 | |
| | G104-0100684 | 01-34 | A171122 (CWR-200303) | A171122 | GASKET, three-way accessory drive housing to crankcase (also parts of GASKET SETS, CWR-S-201468 and CWR-S-203497) | 1 | |
| | G104-1593740 | 01-33 | A165326 (CWR-200895) | A165326 | GASKET, three-way accessory drive left hand vacuum pump adapter to housing (also part of GASKET SETS, CWR-S-201468 and CWR-S-203497) | 1 | |
| | G104-0100711 | 01-33 | A171543 (CWR-200672) | A171543 | GASKET, three-way accessory drive left hand vacuum pump flange cover to adapter (also part of GASKET SETS, CWR-S-201468 and CWR-S-203497) | 1 | |
| | G104-0100716 | 01-33 | A229724 (CWR-200907) | A229724 | GASKET, three-way accessory drive right hand vacuum pump flange cover to housing (also part of GASKET SETS, CWR-S-201468 and CWR-S-203497) | 1 | |
| | G104-0100790 | 01-32 | B154519 (CWR-200428) | B154519 | GEAR, accessory drive, idler | 2 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0101340 | 01-32 | A165059<br>(CWR-200103) | A165059 | NUT, acorn accessory drive idler gear (alloy-S., cd-pltd., 5/16-24NF-2) | 2 |
| H-1 | H001-0811028 | | 103363<br>(AIR-AN380-2-4)<br>(CWR-200820) | | PIN, cotter, split, S., 1/16 x 1 (BFAX1BQ) | 2 |
| | G104-0102600 | 01-32 | A165313<br>(CWR-200434) | A165313 | SPACER, accessory drive idler gear | 2 |
| | G104-2392313 | 01-10,32 | A165308<br>(CWR-200429) | A165308 | STUD, accessory drive idler gear (C1 only) | 2 |
| | G163-7006806 | | 7006806<br>(CWR-201586) | | STUD, accessory drive idler gear (standard) (C4 only) | 2 |
| | | | (CWR-201586-H) | | STUD, accessory drive idler gear (.003 oversize) (C4 only) | 2 |
| | | | (CWR-201586-S) | | STUD, accessory drive idler gear (.007 oversize) (C4 only) | 2 |
| | G104-0103380 | 01-32 | A165309<br>(CWR-200430) | A165309 | WASHER, accessory drive idler gear (alloy-S., ⅞ O.D., .218 thk.) | 2 |
| | G163-7008413 | 01-32 | 7008413<br>A165016<br>(AIR-AN960-516L)<br>(CWR-200153) | A165016 | WASHER, plain, alloy-S., cd-pltd., 21/64 x 9/16 x 1/32 (retaining, accessory drive idler gear) | 2 |
| | G104-0100751 | 01-34 | A229710<br>(CWR-200897) | A229710 | GEAR, drive, fuel pump drive, assembly (Includes: PIN, PLUG, RETAINER and SPRING) | 1 |
| | G104-0302565 | 01-33 | B193406<br>(CWR-200919) | B193406 | GEAR, three-way accessory drive | 1 |
| | G163-0217911 | 01-1 | (CWR-202490) | | HOUSING, fuel pump drive shaft, assembly (Includes: BUSHING, PIN and STUD) | 1 |
| | G104-7006865 | 01-34 | 7006865<br>(CWR-202448) | | HOUSING, fuel pump drive shaft | 1 |
| H-1 | H001-0718022 | | 7005764<br>A165068<br>(AIR-AN-360-5)<br>(CWR-200110) | A165068 | NUT, acorn, hex., S., 5/16-24NF-3 | 4 |
| | G104-0101310 | | A165058<br>(CWR-200101) | A165058 | NUT, fuel pump drive shaft housing to three-way accessory drive housing (slotted, alloy-S., cd-pltd., ¼-28NF-3, ¼ high, 7/16 over flats) (C1 only) | 4 |
| H-1 | H001-0721515 | 01-33 | C74378B<br>(AIR-AN355-5) | C74378 | NUT, slotted, hex., S., 5/16-24 | 2 |
| H-1 | H001-0726010 | | A171114B<br>(CWR-200831) | A17114 | PALNUT, fuel pump drive shaft housing (5/16-24) | 4 |
| H-1 | H001-0726010 | 01-34 | 147510<br>(AIR-356-524) | | NUT, lock, hex., S., 5/16-24 NF (BBSX6P) | 4 |
| | G118-0392403 | | A165197<br>(CWR-200259) | A165197 | STUD, fuel pump drive shaft housing to three-way accessory drive housing | 4 |
| | G163-7007000 | 01-33 | 7007000<br>(CWR-203322) | | STUD, fuel pump drive shaft housing to three-way accessory drive housing | 4 |
| | G104-0103280 | | A165119<br>(CWR-200172) | A165119 | WASHER, fuel pump drive shaft housing | 4 |
| | | 01-33,34 | (AIR-AN960-516) | | WASHER, plain, S., cd-pltd., 5/16 | 4 |
| | G104-0103538 | | A171107<br>(CWR-200202) | A171107 | WIRE, lock, fuel pump drive shaft housing to housing screw (chr-ni-S., .045 diam.) (C1 only) | as req. |
| | G163-7006989 | 01-33 | 7006989<br>(CWR-203305) | | HOUSING, three-way accessory drive, assembly (Includes: BUSHINGS, HOUSING assembly CWR-200901, PLUGS, STUDS, and WIRE) (supersedes HOUSING, CWR-200902) | 1 |

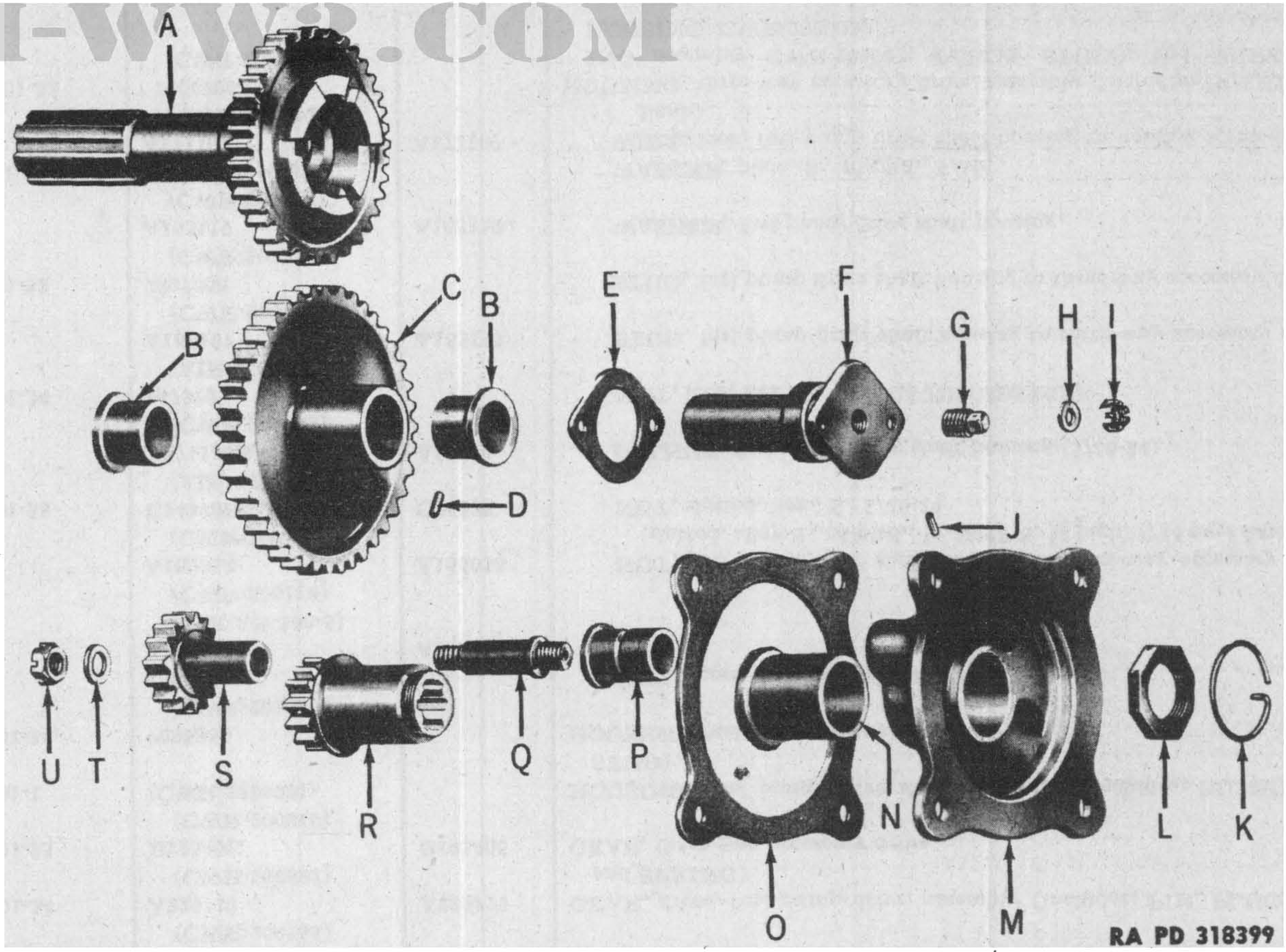
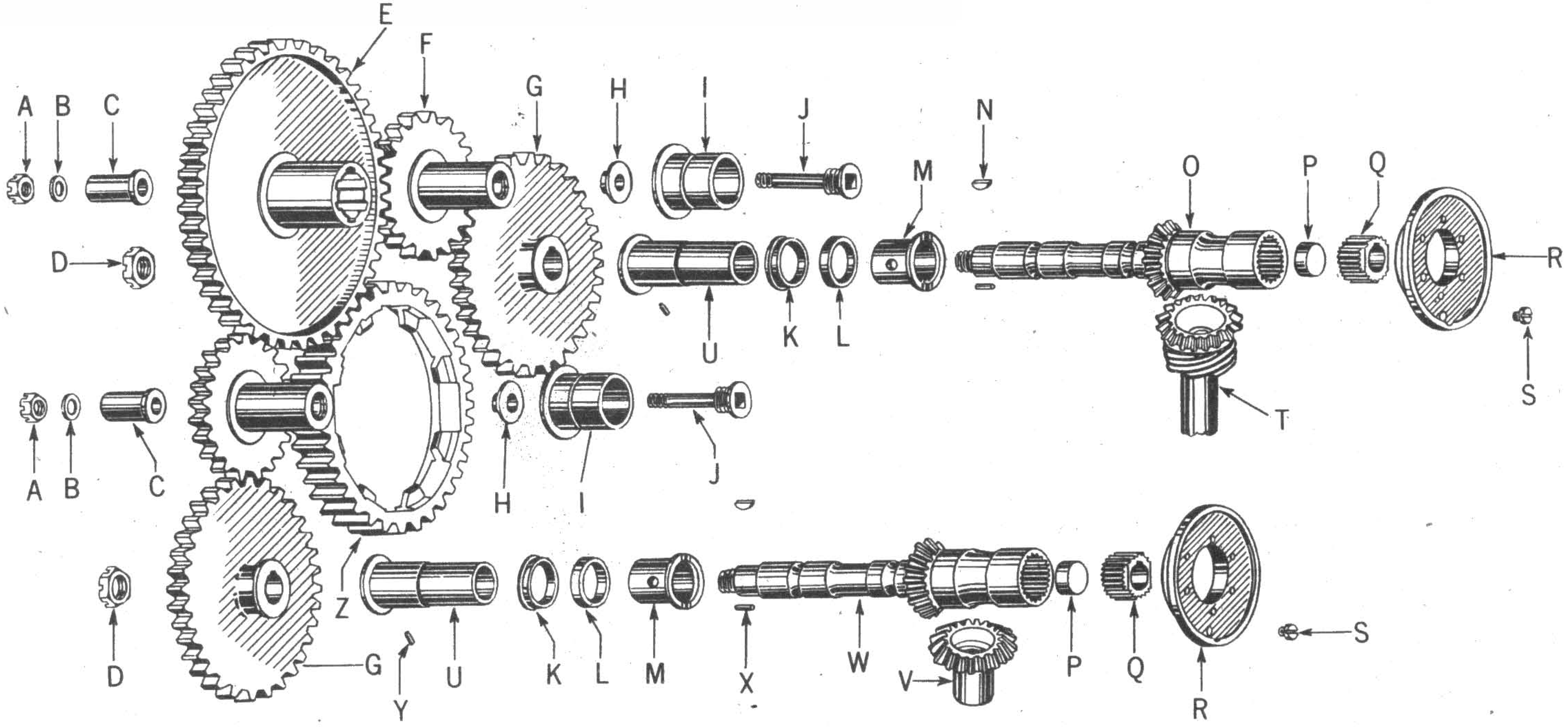



**FIGURE 01-31 — ENGINE GENERATOR DRIVE AND IDLER — EXPLODED VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SHAFT | CWR-200568 | 0109.3 |
| B | BUSHING | CWR-200341 | 0109.5 |
| C | GEAR | CWR-201426 | 0109.5 |
| D | PIN | CWR-200132 | 0109.5 |
| E | GASKET | CWR-200340 | 0109.5 |
| F | SHAFT | CWR-201441 | 0109.5 |
| G | PLUG | CWR-201800 | 0109.5 |
| H | WASHER | AIR-AN960-416 | 0109.5 |
| I | NUT | CWR-200101 | 0109.5 |
| J | PIN | CWR-200890 | 0109.5 |
| K | RING | CWR-202379 | 0109.5 |
| L | NUT | CWR-201950 | 0109.5 |
| M | SUPPORT | CWR-201452 | 0109.5 |
| N | BUSHING | CWR-200591 | 0109.5 |
| O | GASKET | CWR-200379 | 0109.5 |
| P | BUSHING | CWR-200590 | 0109.5 |
| Q | STUD | CWR-200592 | 0109.5 |
| R | GEAR | CWR-200593 | 0109.5 |
| S | GEAR, ass'y | CWR-200595 | 0109.5 |
| T | WASHER | CWR-200178 | 0109.5 |
| U | NUT | CWR-200216 | 0109.5 |

RA PD 318399E



RA PD 337827

**FIGURE 01-32 — ENGINE ACCESSORY AND MAGNETO DRIVE — EXPLODED VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | NUT | CWR-200103 | 0109.2 |
| B | WASHER | CWR-200153 | 0109.2 |
| C | SPACER | CWR-200434 | 0109.2 |
| D | NUT | CWR-200108 | 0109.4 |
| E | GEAR | CWR-200550 | 0109.3 |
| F | GEAR | CWR-200428 | 0109.2 |
| G | GEAR | CWR-201427 | 0109.4 |
| H | WASHER | CWR-200430 | 0109.2 |
| I | BUSHING | CWR-200431 | 0109.2 |
| J | STUD | CWR-200429 | 0109.2 |
| K | RETAINER | CWR-200441 | 0109.4 |
| L | OIL SEAL | CWR-200440 | 0109.4 |
| M | BUSHING | CWR-202407 | 0109.2 |
| N | KEY | CWR-200120 | 0109.4 |
| O | SHAFT, ass'y | CWR-200462 | 0109.4 |
| P | PLUG | CWR-200602 | 0109.4 |
| Q | COUPLING | CWR-200505 | 0109.4 |
| R | OIL SEAL, ass'y | CWR-200463 | 0109.4 |
| S | SCREW | CWR-200227 | 0109.4 |
| T | GEAR | CWR-200922 | 0109.6 |
| U | BUSHING | CWR-202405 | 0109.2 |
| V | GEAR | CWR-200497 | 0106.11 |
| W | SHAFT, ass'y | CWR-200462 | 0109.4 |
| X | PIN | CWR-200124 | 0109.4 |
| Y | PIN | 113129 | 0109.4 |
| Z | GEAR | CWR-200635 | 0102 |

RA PD 337827E

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0100943 | | C90436 (CWR-200902) | C90436 | HOUSING, three-way accessory drive, assembly (Includes: BUSHINGS, HOUSING assembly CWR-200901, PLUGS, STUDS and WIRE) (superseded by HOUSING, CWR-203305) ........ (C1 only) | 1 | |
| | G104-6194621 | | B194621 (CWR-200901) | B194621 | HOUSING, three-way accessory drive, w/BUSHING, assembly ........ | 1 | |
| | G104-6902656 | | E2656 (CWR-200906) | E2656 | HOUSING, three-way accessory drive ........ | 1 | |
| H-1 | H001-0726010 | 01-33 | 147510 (AIR-356-524) | | NUT, lock, hex., S., 5/16-24 NF (three-way accessory drive housing external stud)(BBSX6P) ........ | 3 | |
| | G163-7005764 | 01-34 | 7005764 (AIR-AN360-5) | | NUT, hex., S., 5/16-24NF-3 ........ | 3 | |
| | G104-0101360 | | A165062 (CWR-200106) | A165062 | NUT, three-way accessory drive housing stud (crown, alloy-S., cd-pltd., 5/16-24NF-2) ........ (C1 only) | 5 | |
| | G167-0338705 | | (AIR-AN380-2-2) | | PIN, cotter, split, S., 1/16 x ½ (three-way accessory drive housing internal stud nut) ........ (C4 only) | 2 | |
| | G163-7006999 | 01-11 | 7006999 (CWR-203321) | | STUD, three-way accessory drive housing, short, external (alloy-S., 5/16-24NF-3 (.60) x 1.50 x 5/16-18NC (.74) (special) (standard) ........ | 2 | |
| | | | (CWR-203321-H) | | STUD, three-way accessory drive housing, short, external (.003 oversize) ........ | as req. | |
| | | | (CWR-203321-S) | | STUD, three-way accessory drive housing, short, external (.007 oversize) ........ | as req. | |
| | | | (CWR-203321-J) | | STUD, three-way accessory drive housing, short, external (.012 oversize) ........ | as req. | |
| | G104-5165196 | 01-10 | A165196 (CWR-200258) | A165196 | STUD, three-way accessory drive housing, short, internal (alloy-S., dld. f/c-pin., 5/16-18NC (11/16) x 1½ x 5/16-24NF (9/16) (standard) ........ | 2 | |
| | G104-0102970 | | A165196B (CWR-200258-H) | A165196 | STUD, three-way accessory drive housing, short, internal (.003 oversize) | as req. | |
| | G104-0102980 | | A165196C (CWR-200258-S) | A165196 | STUD, three-way accessory drive housing, short, internal (.007 oversize) ........ | as req. | |
| | 2220-200258-J | | A165196D (CWR-200258-J) | A165916 | STUD, three-way accessory drive housing, short, internal (.012 oversize) ........ | as req. | |
| | G163-7006763 | 01-10,11 | 7006763 (CWR-203326) | | STUD, three-way accessory drive housing, long (alloy-S., 5/16-24NF-3 (.75) x 1.88 x 5/16-18NC (.69) (special) (standard) ........ | 1 | |
| | | | (CWR-203326-H) | | STUD, three-way accessory drive housing, long (.003 oversize) ........ | as req. | |
| | | | (CWR-203326-S) | | STUD, three-way accessory drive housing, long (.007 oversize) ........ | as req. | |
| | | | (CWR-203326-J) | | STUD, three-way accessory drive housing, long (.012 oversize) ........ | as req. | |
| | | 01-34 | (AIR-AN960-516) | | WASHER, plain, S., cd-pltd., 5/16 in. (three-way accessory drive housing stud) | 5 | |
| | G104-0103330 | | A165109 (CWR-200156) | A165109 | WASHER, plain, three-way accessory drive housing stud (alloy-S., cd-pltd., 21/64 x 19/32 x 5/64) ........ (C1 only) | 5 | |
| H-1 | H001-0825304 | | 113129 (CWR-200127) | | PIN, straight, br., .125 x ⅜ (accessory drive shaft front bushing) (BFDX6CE) ... | 2 | |
| | G104-0101401 | | A165079 (CWR-200124) | A165079 | PIN, retaining, accessory drive shaft rear bushing (⅛ x ⅜) ........ (C1 only) | 2 | |
| | G163-0338603 | | A165135 (CWR-200939) | A165135 | PIN, cotter, accessory drive gear shaft nut ........ (C1 only) | 1 | |
| | G104-2124272 | | A229737 (CWR-200890) | A229737 | PIN, fuel pump drive gear thrust plug retainer ........ | 1 | |

| | | | | | |
|---|---|---|---|---|---|
| G163-0338589 | | (CWR-200945) | | PIN, fuel pump drive shaft cam to shaft | 1 |
| G163-0338589 | 01-34 | (CWR-200945) | | PIN, locating fuel pump drive shaft housing | 1 |
| G104-5171095 | | A171095 (CWR-200121) | A171095 | PIN, vacuum and fuel pump drive shaft sleeve | 1 |
| G104-1740453 | 01-34 | A246143 (CWR-201800) | A246143 | PLUG, drain, fuel pump housing | 1 |
| G104-1740468 | | A229727 (CWR-200904) | A229727 | PLUG, fuel pump drive gear thrust | 1 |
| G104-0101570 | | A165225B (AIR-AN913-2) (CWR-200846) | A165225 | PLUG, pipe, br., sq-hd., dld., ¼-18NPT (three-way accessory drive housing oil drain hole) | 1 |
| G104-0101580 | | A186520A (CWR-200860) | A186520 | PLUG, pipe, three-way accessory drive oil pressure hole (⅛) | 1 |
| | | (AIR-AN913-4) | | PLUG, rear crankcase section accessory drive oil drain (C4 only) | 1 |
| G104-1767650 | | A229723 (CWR-200909) | A229723 | RETAINER, fuel pump drive gear thrust plug | 1 |
| G163-0384550 | | (CWR-202450) | | SHAFT, drive, fuel pump | 1 |
| G163-0384655 | 01-34 | (CWR-202506) | | SHAFT, drive, fuel pump, assembly (Includes: CAM and PIN) | 1 |
| G104-0102375 | 01-33 | B194620 (CWR-200903) | B194620 | SHAFT, three-way accessory drive, vacuum and fuel pump drive, assembly (Includes: COLLAR, PIN and SLEEVE) | 1 |
| G104-6194614 | | B194614 (CWR-200924) | B194614 | SHAFT, vacuum and fuel pump drive | 1 |
| G104-5171130 | | A171130 (CWR-200484) | A171130 | SLEEVE, vacuum and fuel pump drive shaft | 1 |
| G104-1789688 | | A229726 (CWR-200905) | A229726 | SPRING, fuel pump drive gear thrust plug retainer | 1 |
| G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, fuel pump drive shaft adapter to housing screw (C4 only) | as req. |
| G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, three-way accessory drive oil drain hole plug | as req. |

## 0109.3—CAM AND CRANKING MOTOR DRIVE

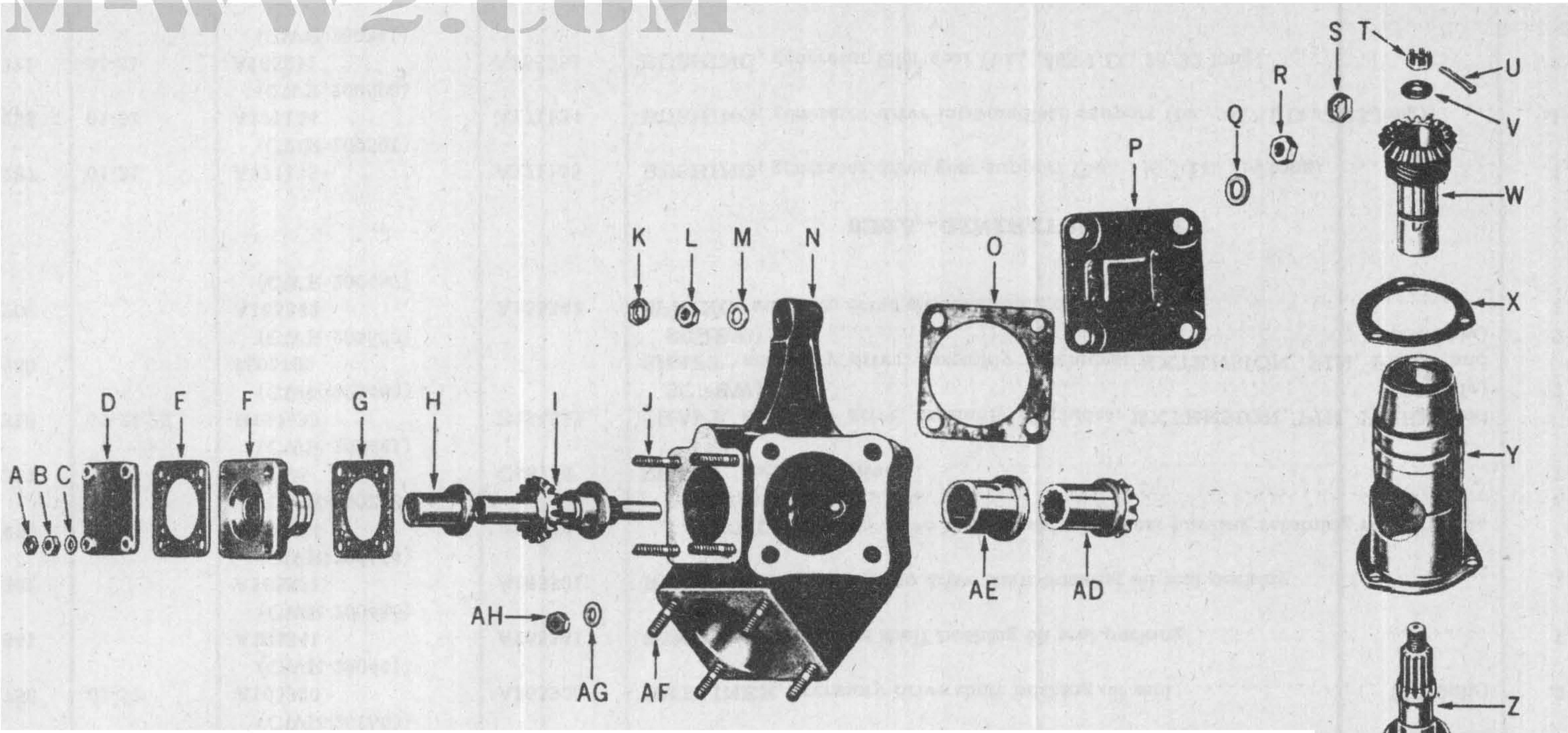
| | | | | | |
|---|---|---|---|---|---|
| G104-1524221 | 01-30 | B206685 (CWR-201809) | B206685 | BOLT, cranking motor drive shaft and cam pinion | 1 |
| G104-0100262 | | B167541 (CWR-200697) | B167541 | BUSHING, cranking motor drive gear shaft (bz., 1.39 and 1.3725 I.D., 3.49 long) (superseded by BUSHING, CWR-202406) (C1 only) | 1 |
| G104-0100262 | 01-20 | B167541 (CWR-202406) | B167541 | BUSHING, cranking motor drive gear shaft (supersedes BUSHING, CWR-200697) | 1 |
| G104-0100272 | | A165264 (CWR-200359) | A165264 | BUSHING, cranking motor shaft (bz., 1⅜ I.D., 1.03 long) (superseded by BUSHING, CWR-202408) (C1 only) | 1 |
| G104-2556035 | 01-20 | (CWR-202408) | | BUSHING, cranking motor shaft (supersedes BUSHING, CWR-200359) | 1 |
| G103-0501040 | 01-6,20,32 | B155581 (CWR-200550) | B155581 | GEAR, cranking motor drive | 1 |
| G104-0100850 | 01-5 | A175144 (CWR-200475) | A175144 | GEAR, cranking motor drive, w/PINION, assembly | 1 |
| G104-0101370 | | A175193 (CWR-200215) | A175193 | NUT, cranking motor drive shaft and cam pinion bolt (hex., dld., alloy-S., cd-pltd., ½-20NF-2, special) (superseded by NUT, CWR-203675) | 1 |
| | 01-20 | (CWR-203675) | | NUT, cranking motor drive shaft and cam pinion bolt (supersedes NUT, CWR-200215) | 1 |
| G104-0102300 | | A165279 (CWR-200384) | A165279 | OIL SEAL, cranking motor drive shaft (superseded by OIL SEAL, CWR-201804) | 1 |

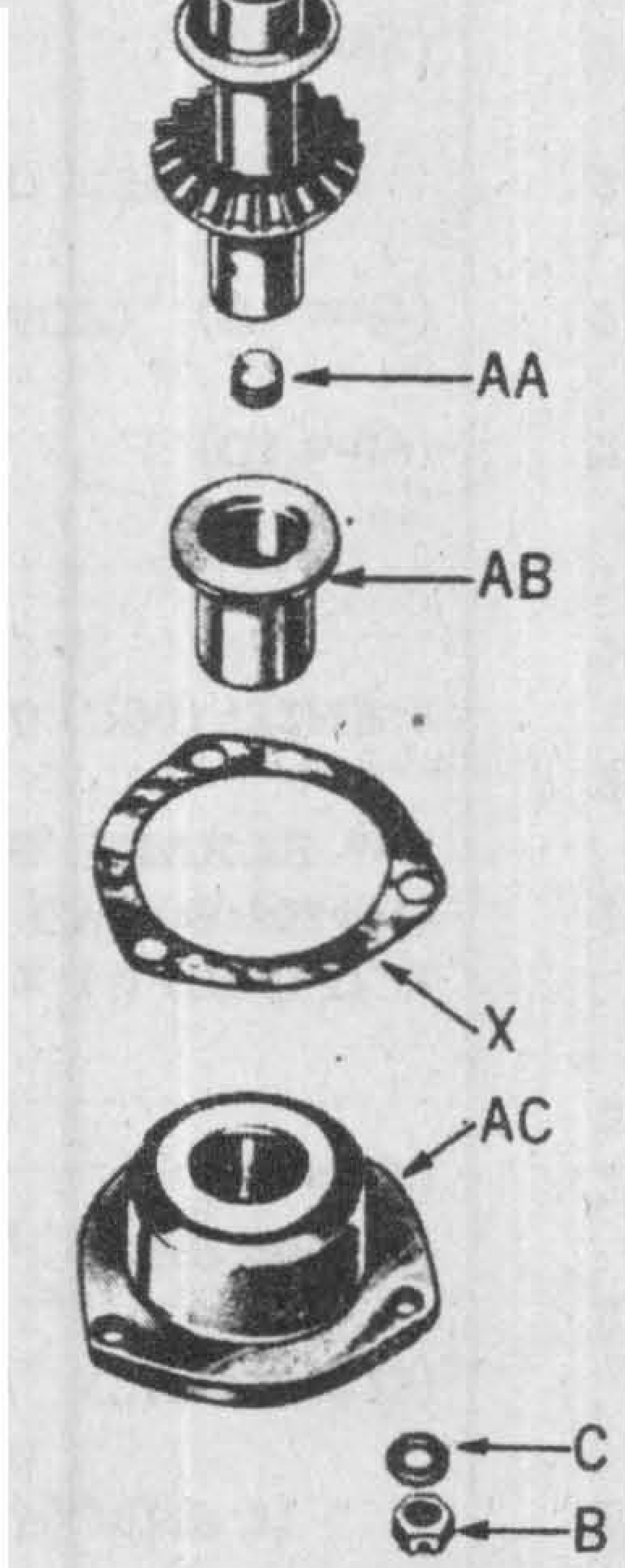
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0102251 | 01-20 | A246144 (CWR-201804) | A246144 | OIL SEAL, cranking motor drive shaft (supersedes OIL SEAL, CWR-200384) (also part of GASKET SETS, CWR-S-201468 and CWR-S-203497) | 1 | |
| | G104-0101402 | | A186573 (CWR-200140) | A186573 | PIN, cam hub bearing (straight, 3/16 x ⅜) | 3 | |
| H-1 | H001-0811040 | | 103374 AIR-AN380-3-4) | | PIN, cotter, split, 3/32 x 1 (cranking motor drive shaft and cam pinion bolt) (use only with NUT, CWR-200215) (BFAX1CG) | 1 | |
| H-1 | H001-0811040 | | 103374 (CWR-200826) | | PIN, cotter, split, S., cd-pltd., 3/32 x 1 (cranking motor drive shaft and cam pinion bolt nut) (BFAX1CA) (C1 only) | 1 | |
| | G104-0101462 | 01-20 | A165081 (CWR-200126) | A165081 | PIN, cranking motor driven shaft bushing (stght., al-bz., ⅛ x 9/32) | 1 | |
| | G104-0101470 | 01-20 | A165086 (CWR-200131) | A165086 | PIN, cranking motor drive shaft and cam pinion bolt spring retainer (stght., S., 3/32 x 9/32) | 1 | |
| H-1 | H001-0825304 | 01-20 | 113129 (CWR-200127) | | PIN, straight, ⅛ x ⅜ (cranking motor drive shaft bushing) (BFDX6CE) | 1 | |
| | G104-6167534 | 01-20 | B167534 (CWR-200548) | B167534 | PINION, cam drive | 1 | |
| | G104-0101800 | 01-20 | A165252 (CWR-200342) | A165252 | RETAINER, cranking motor drive shaft and cam pinion bolt spring (7/16 O.D., 3/16 thk.) | 1 | |
| | G104-0101810 | | A165281 (CWR-200386) | A165281 | RETAINER, cranking motor drive shaft oil seal (superseded by RETAINER, CWR-201805) | 1 | |
| | G104-0101751 | 01-20 | A246145 (CWR-201805) | A246145 | RETAINER, cranking motor drive shaft oil seal (supersedes RETAINER, CWR-200386) | 1 | |
| | | | (CWR-203674) | | RING, lock, cranking motor drive shaft and cam pinion bolt nut (use with NUT, CWR-203675) | 1 | |
| | G104-0102370 | 01-5,6,20,31 | C74177 (CWR-200568) | C74177 | SHAFT, cranking motor drive | 1 | |
| | G104-0102720 | 01-20 | A165254 (CWR-200344) | A165254 | SPRING, cranking motor drive shaft and cam pinion bolt | 1 | |
| | G104-0103450 | 01-20 | A165120 (CWR-200173) | A165120 | WASHER, plain, cranking motor drive shaft and cam pinion bolt spring seat (alloy-S., 19/32 x 15/16 x .209) | 1 | |
| | | | | | **0109.4—MAGNETO ACCESSORY DRIVE** | | |
| | G104-0200294 | 01-32 | A165353 (CWR-200505) | A165353 | COUPLING, magneto drive (Scintilla only) | 2 | |
| | G104-0100580 | | B154522 (CWR-200443) | B154522 | EXTENSION, accessory drive shaft | 2 | |
| H-1 | H001-0811040 | | 103374 (AIR-AN380-3-4) (CWR-200826) | | PIN, cotter, split, S., 3/32 x 1 (BFAX1CG) (supersedes PIN, CWR-200823) | 2 | |
| H-1 | H001-0811281 | | 108629 (CWR-200823) | | PIN, cotter, split, S., 3/32 x ⅞ (BFAX1CF) (superseded by PIN, CWR-200826) (C1 only) | 2 | |
| | G104-0102090 | | A165322 (CWR-200444) | A165322 | SCREW, accessory drive shaft extension (5/16 x 24NF-2 x 11/16) | 2 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0100720 | 01-32 | B206679 (CWR-201427) | B206679 | GEAR, driven, accessory drive | 2 |
| | G104-0101300 | 01-32 | A165064 (CWR-200108) | A165064 | NUT, acorn, accessory drive driven gear (alloy S., cd-pltd., ½-20NF-2) | 2 |
| H-1 | H001-0811040 | | 103374 (CWR-200826) | | PIN, cotter, split, S., 3/32 x 1 (superseded by PIN, CWR-200823) (BFAX1CG) | 2 |
| H-1 | H001-0811042 | | 103376 (CWR-200823) | | PIN, cotter, split, S., 3/32 x ⅞ (supersedes PIN, CWR-200826) (BFAX1CF) (C1 only) | 2 |
| | G104-0101020 | 01-32 | A186936 (CWR-200120) | A186936 | KEY, Woodruff, accessory drive gear (alloy S., ⅛ x ⅝, No. 405) | 2 |
| | G104-0102250 | 01-32 | A165319 (CWR-200440) | A165319 | OIL SEAL, accessory drive shaft bushing (rubber, 27/32 I.D. x 1 1/16 O.D. x 15/64 thk.) (also part of GASKET SETS, CWR-S-201468 and CWR-S-203497) | 2 |
| | G104-0102260 | 01-32 | A165334 (CWR-200463) | A165334 | OIL SEAL, accessory drive shaft, assembly (Includes: RINGS, RIVETS and SPRING) (also part of GASKET SET, CWR-S-203497) | 2 |
| | G104-0102091 | 01-32 | A171108 (CWR-200227) | A171108 | SCREW, lock, accessory drive shaft oil seal (fil-hd., S., No. 10 (.190) -32NF-2 x 7/32) | 2 |
| | G104-0102280 | | A165278 (CWR-200383) | A165278 | OIL SEAL, magneto drive shaft bushing | 1 |
| | G104-0101401 | 01-32 | A165079 (CWR-200124) | A165079 | PIN, accessory drive shaft bushing (stght., al-bz., ⅛ x ⅜) (C1 only) | 2 |
| H-1 | H001 0825304 | 01-32 | 113129 (CWR-200127) | | PIN, stght., br., ⅛ x ¼ (accessory drive shaft bushing) (BFDX6CF) (C1 only) | 2 |
| | G104-0101670 | 01-32 | A165398 (CWR-200602) | A165398 | PLUG, accessory drive shaft oil seal (oil resisting, rubber, .72 O.D., .34 thk.) | 2 |
| | G163-7005775 | | 7005775 (CWR-201663) | | RETAINER, accessory drive shaft bushing oil seal (C4 only) | 2 |
| | G104-0101750 | 01-32 | A165320 (CWR-200441) | A165320 | RETAINER, accessory drive shaft bushing oil seal (C1 only) | 2 |
| | G104-5165341 | | A165341 (CWR-200486) | A165341 | RING, magneto drive shaft bushing oil seal packing | 1 |
| | G104-5165301 | | A165301 (CWR-200414) | A165301 | RING, retaining, magneto drive shaft bushing oil seal packing | 1 |
| | G104-0101970 | | A165084 (CWR-200128) | A165084 | RIVET, magneto drive shaft bushing oil seal packing retaining ring (rd-hd., 1/16 x ⅜) | 6 |
| | G104-0102311 | | C66776 (CWR-200481) | C66776 | SHAFT, accessory drive | 1 |
| | G104-0102310 | 01-21,22 | B154533 (CWR-200462) | B154533 | SHAFT, accessory drive, assembly (Includes: EXTENSION, PIN, PLUGS and SCREW) (C1 only) | 2 |
| | G163-7006780 | | 7006780 (CWR-203310) | | SHAFT, accessory drive, assembly (Includes: EXTENSION, PIN, PLUG and SCREW) (C4 only) | 2 |
| | G104-0102700 | | A165342 (CWR-200487) | A165342 | SPRING, magneto drive shaft bushing oil seal | 1 |

## 0109.5—GENERATOR DRIVE

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0100287 | 01-31 | A171135 (CWR-200591) | A171135 | BUSHING, generator drive gear support (bz., 1⅛ I.D., 1½ long) | 1 |
| | G104-0100288 | 01-31 | A171134 (CWR-200590) | A171134 | BUSHING, generator drive intermediate support (bz., .617 I.D., 1.23 long) | 1 |
| | G104-0100271 | 01-31 | A165251 (CWR-200341) | A165251 | BUSHING, generator idler gear (bz., .865 I.D., 25/32 long) | 2 |

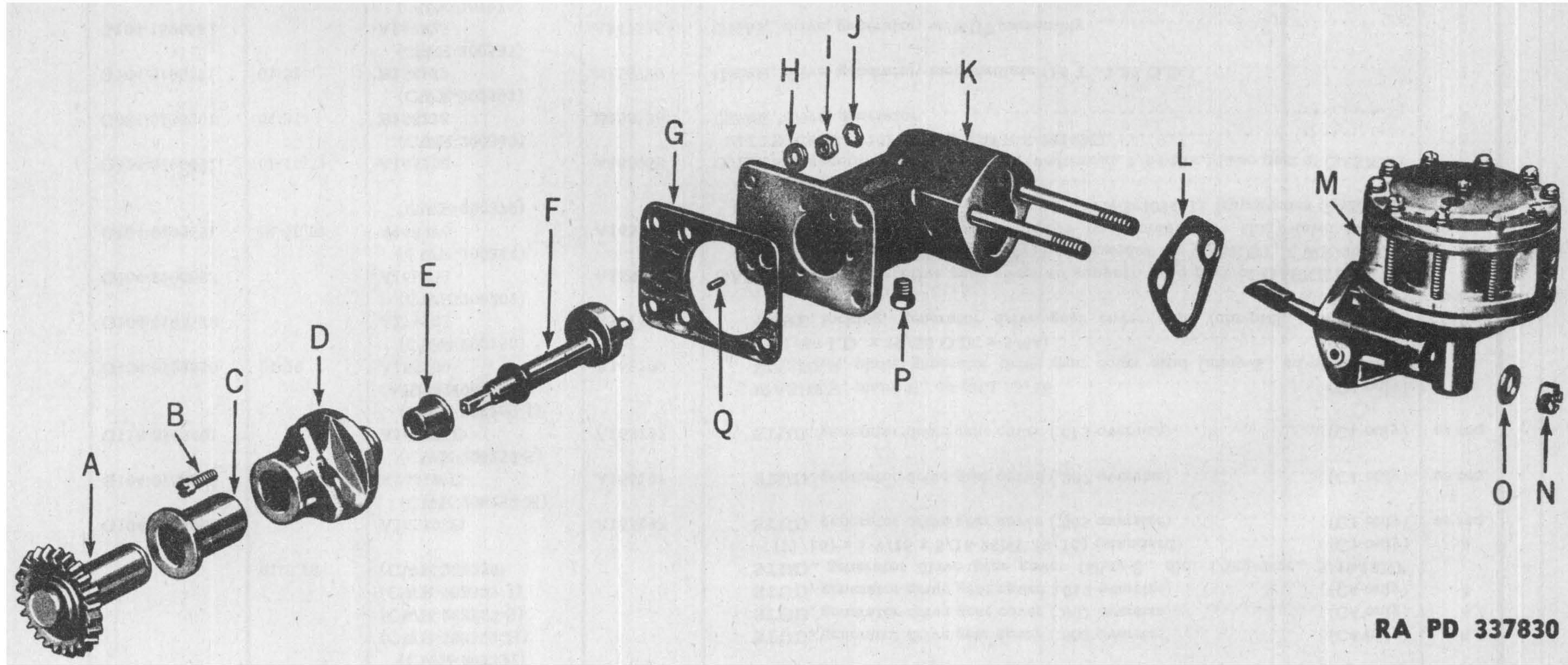



# FIGURE 01-33 — ENGINE THREE-WAY ACCESSORY DRIVE

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | NUT | 147508 | 0109.2 |
| B | NUT | 218579 | 0109.2 |
| C | WASHER | CWR-200176 | 0109.2 |
| D | COVER | CWR-201815 | 0109.2 |
| E | GASKET | CWR-200672 | 0109.2 |
| F | ADAPTER | CWR-200916 | 0109.2 |
| G. | GASKET | CWR-200895 | 0109.2 |
| H | BUSHING | CWR-200915 | 0109.2 |
| I | SHAFT, ass'y | CWR-200903 | 0109.2 |
| J | STUD | CWR-200893 | 0109.2 |
| K | NUT | 107822 | 0109.2 |
| L | NUT | AIR-AN360-5 | 0109.2 |
| M | WASHER | AIR-AN960-516 | 0109.2 |
| N | HOUSING, ass'y | CWR-203305 | 0109.2 |
| O | GASKET | CWR-200907 | 0109.2 |
| P | COVER | CWR-201497 | 0109.2 |
| Q | WASHER | AIR-AN960-516 | 0109.2 |
| R | NUT | AIR-AN360-5 | 0109.2 |
| S | NUT | 107822 | 0109.2 |
| T | NUT | CWR-200888 | 0109.6 |
| U | PIN | AIR-AN380-4-3 | 0109.6 |
| V | WASHER | CWR-200891 | 0109.6 |
| W | GEAR | CWR-200922 | 0109.6 |
| X | GASKET | CWR-200353 | 0109.6 |
| Y | ADAPTER | CWR-200914 | 0109.2 |
| Z | SHAFT, ass'y | CWR-200900 | 0109.6 |
| AA | PLUG | CWR-200892 | 0109.6 |
| AB | BUSHING | CWR-200918 | 0109.6 |
| AC | COVER | CWR-200896 | 0109.6 |
| AD | GEAR | CWR-200919 | 0109.2 |
| AE | BUSHING | CWR-200926 | 0109.2 |
| AF | STUD | CWR-203322 | 0109.2 |
| AG | WASHER | AIR-AN960-516 | 0109.2 |
| AH | NUT | AIR-AN355-5 | 0109.2 |

RA PD 337829E




## FIGURE 01-34 — FUEL PUMP DRIVE — EXPLODED, AND FUEL PUMP ASSEMBLY (AC-1538299)

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | GEAR, ass'y | CWR-200897 | 0109.2 |
| B | SCREW | CWR-202493 | 0109.2 |
| C | BUSHING | CWR-200910 | 0109.2 |
| D | ADAPTER | CWR-202492 | 0109.2 |
| E | BUSHING | CWR-202451 | 0109.2 |
| F | SHAFT, ass'y | CWR-202506 | 0109.2 |
| G | GASKET | CWR-200303 | 0109.2 |
| H | WASHER | AIR-AN960-516 | 0109.2 |
| I | NUT | AIR-AN360-5 | 0109.2 |
| J | NUT | 147510 | 0109.2 |
| K | HOUSING | CWR-202448 | 0109.2 |
| L | GASKET | AC-1538769 | 0302.2 |
| M | PUMP, ass'y | AC-1538299 | 0302.2 |
| N | NUT | 102645 | 0302.2 |
| O | WASHER | AIR-AN960-616 | 0302.2 |
| P | PLUG | CWR-201800 | 0109.2 |
| Q | PIN | CWR-200945 | 0109.2 |

RA PD 337830E

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1527705 | 01-5 | A165280 (CWR-200385) | A165280 | BUSHING, generator idler gear shaft | 1 | |
| | G104-2140138 | | B154506 (CWR-200381) | B154506 | COVER, generator drive gear (superseded by COVER, CWR-202375) | 1 | |
| | G163-7001728 | 01-10 | 7001728 (CWR-202375) | | COVER, generator drive gear (supersedes COVER, CWR-200381) | 1 | |
| | G163-7005764 | | 7005764 (AIR-AN360-5) | | NUT, hex., S., 5/16-24NF-3 | 4 | |
| H-1 | H001-0726010 | | 147510 (AIR-356-524) | | NUT, lock, hex., S., 5/16-24 (BBSX6P) | 4 | |
| | G104-0101360 | 01-10 | A165062 (CWR-200106) | A165062 | NUT, generator drive gear cover (acorn, alloy-S., cd-pltd., 5/16-24NF-2) (C1 only) | 4 | |
| | G163-7007000 | 01-11 | 7007000 (CWR-203322) | | STUD, generator drive gear cover (standard) (C4 only) | 4 | |
| | | | (CWR-203322-H) | | STUD, generator drive gear cover (.003 oversize) (C4 only) | 4 | |
| | | | (CWR-203322-S) | | STUD, generator drive gear cover (.007 oversize) (C4 only) | 4 | |
| | | | (CWR-203322-J) | | STUD, generator drive gear cover (.012 oversize) (C4 only) | 4 | |
| | | 01-5,10 | (CWR-200259) | | STUD, generator drive gear cover (alloy-S., dld. f/lkg-wire., 5/16-18NF (11/16) x 1 9/16 x 5/16-24NF (9/16) (standard) (C1 only) | 4 | |
| | G104-0102990 | | A165197B (CWR-200259-H) | A165197 | STUD, generator drive gear cover (.003 oversize) (C1 only) | as req. | |
| | G104-0103000 | | A165197C (CWR-200259-S) | A165197 | STUD, generator drive gear cover (.007 oversize) (C1 only) | as req. | |
| | G118-0392401 | | A165197D (CWR-200259-J) | A165197 | STUD, generator drive gear cover (.012 oversize) (C1 only) | as req. | |
| | | | (AIR-AN960-516) | | WASHER, plain, S., cd-pltd., 5/16 (C4 only) | 4 | |
| | G104-0103330 | 01-10 | A165109 (CWR-200156) | A165109 | WASHER, plain, generator drive gear cover stud (alloy-S., cd-pltd., 5/16-21/64 I.D. x 19/32 O.D. x 5/64) (C1 only) | 4 | |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, generator drive gear cover stud (chr-ni-S., .045 diam.) (C1 only) | as req. | |
| | G104-0100683 | | A165233 (CWR-200314) | A165233 | GASKET, generator drive gear cover to support (also part of GASKET SETS, CWR-S-201468 and CWR-S-203497) (superseded by GASKET, CWR-200379). | 1 | |
| | G104-0100681 | 01-10,31 | A165276 (CWR-200379) | A165276 | GASKET, generator drive gear support (vellumoid, 1/64 thk.) (also part of GASKET SETS, CWR-S-201468 and CWR-S-203497) (supersedes GASKET, CWR-200314) | 1 | |
| | G104-0100682 | 01-10,31 | A165250 (CWR-200340) | A165250 | GASKET, generator idler gear shaft (vellumoid, 1/64 thk.) (also part of GASKET SETS, CWR-S-201468 and CWR-S-203497) | 1 | |
| | G081-0130201 | 01-31 | B158138 (CWR-200593) | B158138 | GEAR, drive, generator | 1 | |
| | G104-0100771 | 01-31 | B158139 (CWR-200595) | B158139 | GEAR, drive, generator, inetrmediate (14 T., 1.57 O.D.) | 1 | |
| | G104-1596382 | | A247525 (CWR-201974) | A247525 | GEAR, drive, generator, w/NUT, assembly | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-2314887 | 01-31 | A247523 (CWR-201950) | A247523 | NUT, generator drive gear (octagonal, 1-14 x .20) | 1 |
| | G104-0206678 | 01-10,31 | B206678 (CWR-201426) | B206678 | GEAR, idler, generator | 1 |
| | G104-1596361 | | A246141 (CWR-201484) | A246141 | GEAR, idler, generator, assembly (Includes: BUSHING, GEAR, CWR-201426 and PIN) | 1 |
| H-1 | H001-0825260 | | 505400 (CWR-200130) | | PIN, stght., br., .1015 x 5/16 (generator idler gear bushing) (superseded by PIN, CWR-200132) (BFDX8AQ) (C1 only) | 2 |
| | G104-0101417 | 01-31 | A165087 (CWR-200132) | A165087 | PIN, generator idler gear bushing (stght., br., 3/32 x ¼) (supersedes PIN, CWR-200130) | 2 |
| | G104-0101420 | | A165093 (CWR-200136) | A165093 | PIN, locating, generator drive gear support (stght., drill rod, 3/16 x ⅜) | 1 |
| | A054-0340703 | | (AIR-AN913-1) | | PLUG, generator idler gear shaft (C4 only) | 1 |
| | G104-0101600 | | (CWR-200845) | | PLUG, pipe, generator idler gear shaft (superseded by PLUG, CWR-201800) (C1 only) | 2 |
| | G104-1740453 | 01-31 | A246143 (CWR-201800) | A246143 | PLUG, pipe, generator idler gear shaft (supersedes PLUG, CWR-200845). (C1 only) | 2 |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, generator idler gear shaft plug (chr-ni-S., .045 diam.). (C1 only) | as req. |
| | G104-0101841 | | A171115 (CWR-200245) | A171115 | RING, lock, generator drive gear nut (superseded by RING, CWR-202379) | 1 |
| | G104-7006853 | 01-31 | 7006853 (CWR-200379) | | RING, lock, generator drive gear nut (supersedes RING, CWR-200245) | 1 |
| | G104-0102345 | 01-10,31 | A206680 (CWR-201441) | A206680 | SHAFT, generator idler gear | 1 |
| | | | (AIR-AN360-4) | | NUT, hex., S., ¼-28NF-3 | 2 |
| H-1 | H001-0726005 | | 147508 (AIR-356-428) | | NUT, lock, hex., S., ¼-28 (BBSX6N) (C4 only) | 2 |
| | G104-0101310 | 01-10,31 | A165058 (CWR-200101) | A165058 | NUT, slotted, generator idler gear shaft to crankcase stud (alloy-S., cd-pltd., ¼-28NF-2) (C1 only) | 2 |
| | G163-7006992 | | 7006992 (CWR-203312) | | STUD, generator idler gear shaft (alloy-S., ¼-28NF-3 (.48) x 1.06 x ¼-20NC (.52) (special) (standard) (C4 only) | 2 |
| | | | (CWR-203312-H) | | STUD, generator idler gear shaft (.003 oversize) (C4 only) | as req. |
| | | | (CWR-203312-S) | | STUD, generator idler gear shaft (.007 oversize) (C4 only) | as req. |
| | | | (CWR-203312-J) | | STUD, generator idler gear shaft (.012 oversize) (C4 only) | as req. |
| | 2220-200246 | 01-10 | A165186 (CWR-200246) | A165186 | STUD, generator idler gear shaft (alloy-S., dld. f/lkg-wire., ¼-20NC (15/32) x 1 1/16 x ¼-28NF (7/16) (standard) (C1 only) | 2 |
| | G104-0102810 | | A165186B (CWR-200246-H) | A165186 | STUD, generator idler gear shaft (.003 oversize) (C1 only) | as req. |
| | G104-0102820 | | A165186C (CWR-200246-S) | A165186 | STUD, generator idler gear shaft (.007 oversize) (C1 only) | as req. |
| | 2220-200246-J | | A165186D (CWR-200246-J) | A165186 | STUD, generator idler gear shaft (.012 oversize) (C1 only) | as req. |
| | G104-0103310 | 01-10,30 | A165105 (AIR-AN-960-416) (CWR-200152) | A165105 | WASHER, plain, S., cd-pltd., ¼ in. | 2 |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, generator idler gear shaft stud (chr-ni-S., .045 diam.). (C1 only) | as req. |
| | G104-0504245 | | C90164 (CWR-201451) | C90164 | SUPPORT, generator drive gear, assembly (Includes: BUSHINGS, PIN, STUD and SUPPORT, CWR-201452) | 1 |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-6539690 | 01-10,31 | D39690 (CWR-201452) | D39690 | SUPPORT, generator drive gear | 1 | |
| | | | (CWR-200734) | | SUPPORT, generator drive gear, assembly (Includes: GEAR CWR-200595, GEAR assembly CWR-201974, NUT, RING, SUPPORT assembly CWR-201451 and WASHER) | 1 | |
| | G104-0101183 | 01-31 | A186740 (CWR-200216) | A186740 | NUT, generator intermediate drive gear support stud (slotted, hex., 5/16-24) | 1 | |
| | A054-0338945 | | A165133 (AIR-AN380-2-2) (CWR-200818) | A165133 | PIN, cotter, split, S., 1/16 x ½ | 1 | |
| | G104-2124272 | 01-31 | A229737 (CWR-200890) | A299737 | PIN, generator intermediate drive gear support stud retaining (straight, 3/32 x 17/32) | 1 | |
| | G104-1792379 | 01-31 | A171136 (CWR-200592) | A171136 | STUD, generator intermediate drive gear support (special, alloy-S., ⅜-16NC-4 (.56) x 2.54 x 5/16-24NF-3 (.56) | 1 | |
| | G163-0443058 | | A171104 (CWR-200178) | A171104 | WASHER, thrust, generator intermediate drive gear support stud . . (C4 only) | 1 | |

## 0109.6—TACHOMETER DRIVE

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0100264 | 01-33 | A229719 (CWR-200918) | A229719 | BUSHING, tachometer and three-way accessory drive adapter cover | 1 | |
| | G104-0100478 | 01-33 | A192805 (CWR-200896) | A192805 | COVER, tachometer and three-way accessory drive adapter, assembly (Includes: BUSHING and COVER) | 1 | |
| | G104-0101310 | | A165058 (CWR-200101) | A165058 | NUT, tachometer and three-way accessory drive adapter stud (slotted, alloy-S., cd-pltd., ¼-28NF-3, ¼ high, 7/16 over flats) (superseded by NUT, CWR-200102) (C1 only) | 3 | |
| | G104-0101309 | | A171092 (CWR-200102) | A171092 | NUT, tachometer and three-way accessory drive adapter stud (slotted, hex., ¼-28) (supersedes NUT, CWR-200101) (C1 only) | 3 | |
| | | | (AIR-AN360-4) | | NUT, hex., S., ¼-28NF-3 (C4 only) | 3 | |
| H-1 | H001-0726005 | | 147508 (AIR-356-428) | | NUT, lock, hex., S., ¼-28 (BBSX6N) (C4 only) | 3 | |
| | G163-7006994 | | 7006994 (CWR-203314) | | STUD, tachometer and three-way accessory drive adapter cover (alloy-S., ¼-28NF-3 (.54) x 1.25 x ¼-20NC (.61) (special) (standard) (C4 only) | 3 | |
| | | | (CWR-203314-H) | | STUD, tachometer and three-way accessory drive adapter cover (.003 oversize) (C4 only) | as req. | |
| | | | (CWR-203314-S) | | STUD, tachometer and three-way accessory drive adapter cover (.007 oversize) (C4 only) | as req. | |
| | | | (CWR-203314-J) | | STUD, tachometer and three-way accessory drive adapter cover (.012 oversize) (C4 only) | as req. | |
| | G118-0392375 | | A165188 (CWR-200249) | A165188 | STUD, tachometer and three-way accessory drive adapter cover (alloy-S., dld. f/lkg-wire., ¼-20NC (9/16) x 1¼ x ¼-28NF (½) (standard) (C1 only) | 3 | |
| | G104-0103310 | | A165105 (AIR-AN960-416) (CWR-200152) | A165105 | WASHER, plain, S., cd-pltd., ¼ in. | 3 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0700175 | 01-33 | A165260 (CWR-200353) | A165260 | GASKET, tachometer and three-way accessory drive adapter cover (1) and adapter to rear crankcase (1) (also part of GASKET SETS, CWR-S-201468 and CWR-S-203497) | 2 |
| | G104-0503778 | 01-32,33 | C90319 (CWR-200922) | C90319 | GEAR, tachometer and three-way accessory drive | 1 |
| | G104-0101182 | 01-33 | A229739 (CWR-200888) | A229739 | NUT, tachometer and three-way accessory drive gear (slotted, chamfered both ends, ⅜-24NF-3, ⅜ high, 9/16 over flats) | 1 |
| | G103-0104293 | 01-33 | (AIR-AN380-4-3) | | PIN, cotter, split, 3/32 x 1 | 1 |
| | G104-0103271 | 01-33 | A229735 (CWR-200891) | A229735 | WASHER, plain, tachometer and three-way accessory drive gear shaft (alloy-S., cd-pltd., 25/64 x 25/32 x 3/32) | 1 |
| | G104-0101572 | 01-33 | A229733 (CWR-200892) | A229733 | PLUG, tachometer and three-way accessory drive gear shaft | 1 |
| | | | A229758 (CWR-200933) | A229758 | SHAFT, tachometer and three-way accessory drive, assembly (Includes: ADAPTER, COVER assembly CWR-200896, GASKET, GEAR, NUT, PIN, SHAFT assembly CWR-200900 and WASHER) | 1 |
| | G104-0102316 | 01-33 | A194861 (CWR-200900) | A194861 | SHAFT, tachometer and three-way accessory drive assembly (Includes: GEAR and PLUG) | 1 |
| | G104-0102325 | | C99675 (CWR-200920) | C99675 | SHAFT, tachometer and three-way accessory drive gear | 1 |

# GROUP 02 — CLUTCH

## 0200—CLUTCH ASSEMBLY AND HOUSING

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0100390 | 02-1 | D47317 | D47317 | CLUTCH, master, w/FAN and FLYWHEEL, assembly (ROCKFORD) (unventilated) (optional with CLUTCH, G104-1538301) (superseded by CLUTCH, G104-2138264) | 1 |
| | G104-1538301 | 02-2 | D47534 | D47534 | CLUTCH, master, w/FLYWHEEL, assembly (LIPE-ROLLAWAY) (unventilated) (optional with CLUTCH, G104-0100390) (superseded by CLUTCH, G104-2138264) | 1 |
| | G104-2138264 | 01-3,02-3 | D78123 | D78123 | CLUTCH, master, w/FLYWHEEL, assembly (LIPE-ROLLAWAY) (ventilated, w/coaxial BEARING) (supersedes CLUTCH, G104-0100390 and G-104-1538301) | 1 |
| | | 02-4 | 7067347 | | CLUTCH, master, assembly (LIPE-ROLLAWAY) (modification of CLUTCH, G104-2138264) (ventilated, w/coaxial BEARING, COMPENSATORS and EYEBOLTS) (optional with CLUTCH, 7067270 and G104-7068857) | 1 |
| | | 02-5 | 7067270 | | CLUTCH, master, w/FAN and FLYWHEEL, assembly (BORG AND BECK) (optional with CLUTCH, 7067347 and G104-7068857) | 1 |
| | G104-7068857 | | 7068857 | | CLUTCH, master, w/FLYWHEEL, assembly (BORG AND BECK) (optional with CLUTCH, 7067347 and 7067270) | 1 |
| | G104-0100170 | 02-1,2,3 | A169303 (CWR-200871) | A169303 | BOLT, clamping, master clutch to fan and flywheel (hex-hd., S., ½-20NF-2 x 6½) | 12 |
| H-1 | H001-0725680 | | 503332 | | NUT, safety, S., ½-20NF-3 (master clutch to fan and flywheel bolt) (BBSX4AE) | 12 |
| | | 01-4 | C101102 | C101102 | COWL, dust, master clutch, w/attaching POSTS (used with CLUTCH, G104-2138264) | 1 |

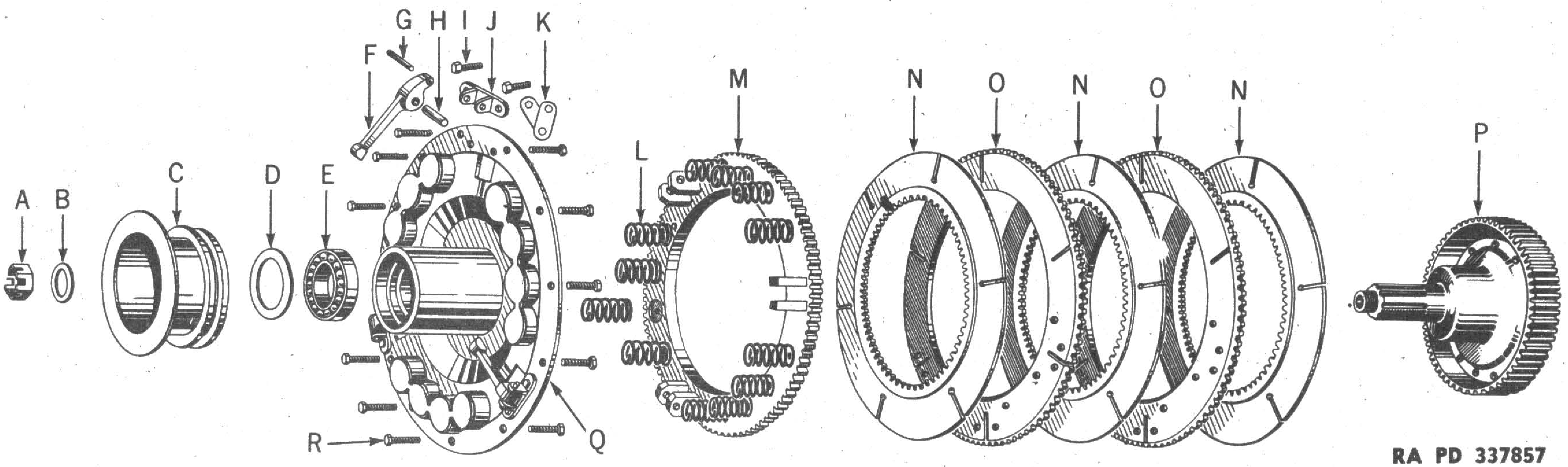
## 0201—CLUTCH DISC, FACING, HUB, DRIVEN PLATES, PRESSURE PLATE, SPRINGS, PILOT BEARING AND SPINDLE

| | | | | | | |
|---|---|---|---|---|---|---|
| H-12 | H012-1900065 | 02-1,2,3,4 | 701066 A169400 (LPE-X15-119) | A169400 | BEARING, ball (annular, double row) (master clutch spindle) (used with CLUTCH, G104-0100390, G104-1538301, G104-2138264 and 7067347) | 1 |

# GROUP 02 — CLUTCH

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | 02-5 | 7067228 | | BEARING, ball (annular, single row) (master clutch pilot) (used with CLUTCH, G104-7068857) | 1 | |
| | | 02-5 | 7067223 | | BEARING, ball (annular, single row) (master clutch spindle) (used with CLUTCH, G104-7068857) | 1 | |
| H-12 | H012-0707633 | 02-2,3,4 | 707633 A163759 (LPE-X12-37) | A163759 | BEARING, roller (cylindrical, solid outer race, no inner race, 3.5060 bore, 5.1181 O.D., .9843 width) (master clutch pilot) (used with CLUTCH, G104-1538301, G104-0100390, G104-2138264 and 7067347) | 1 | |
| | G104-1531745 | 02-2 | C95155 | C95155 | CARRIER, master clutch pressure spring (used with CLUTCH, G104-1538301) | 1 | |
| | G104-2131601 | 02-3,4 | C100637 (LPE-C70-1) | C100637 | CARRIER, master clutch pressure spring (used with CLUTCH, G104-1538301 and 7067347) | 1 | |
| H-1 | H001-1013017 | 02-3,4 | 216920 (LPE-X2-10) | | SCREW, cap, hex-hd., S., 5/16-18NC-2 x ¾ (BCAX1BA) | 6 | |
| H-1 | H001-1519010 | 02-3,4 | 115548 (LPE-X10-89) | | WASHER, lock, internal teeth, reg., S., 5/16 (BEAX1K) | 6 | |
| | G104-1518170 | 01-4,02-3,4,5 | A326752 (LPE-AC-83-1) | A326752 | CASE, master clutch, w/BEARING, assembly (used with CLUTCH, G104-2138264, G104-7068857 and 7067347) | 1 | |
| | | 02-4 | 7067343 | | COMPENSATOR, clutch cover flywheel ring (used with CLUTCH, 7067347) | 3 | |
| | | 02-5 | 7068858 | | COVER, master clutch (used with CLUTCH, G104-7068857) | 1 | |
| | | 02-5 | 7067233 | | SCREW, cap, master clutch cover to flywheel (used with CLUTCH, G104-7068857) | 12 | |
| H-1 | H001-7025801 | 02-5 | 120384 | | WASHER, lock, reg., S., cd-pltd., ½ (BECX1M-1) (used with CLUTCH, G104-7068857) | 12 | |
| | G104-1551821 | 02-2,3,4 | D47535 (LPE-16-2P-184) | D47535 | DISC, driven, master clutch, assembly (Includes: FACING, HUB and RIVETS) (used with CLUTCH, G104-1538301, G104-1238264 and 7067347) | 2 | |
| | G104-1551807 | | D47538 | D47538 | DISC, driven, master clutch (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 2 | |
| | | 02-4 | 7067345 | | EYEBOLT, clutch cover flywheel ring to driving plate (used with CLUTCH, (7067347) | 3 | |
| | | 02-4 | 7067344 | | EYEBOLT, clutch cover flywheel ring to pressure plate (used with CLUTCH, 7067347) | 3 | |
| | | 02-5 | 7067232 | | EYEBOLT, master clutch cover to driving plate (used with CLUTCH, G104-7068857) | 4 | |
| | | 02-5 | 7067231 | | EYEBOLT, master clutch cover to pressure plate (used with CLUTCH, G104-7068857) | 4 | |
| | G104-0100590 | | A169660 (CWR-200872) | A169660 | FACING, master clutch (used with CLUTCH, G104-0100390) | 6 | |
| | G104-0101930 | | A169767H | A169767 | RIVET, tubular, master clutch facing (S., 3/16 x ⅝) | 54 | |
| | G104-0101940 | | A169767M (CWR-200873) | A169767 | RIVET, tubular, master clutch facing (S., 3/16 x 13/16) | 24 | |
| | G104-0101950 | | A169767Q | A169767 | RIVET, tubular, master clutch pressure plate facing (S., 3/16 x 1 1/16) | 15 | |
| | G104-0101960 | | A169767U | A169767 | RIVET, tubular, master clutch pressure plate facing (S., 3/16 x 1⅝) | 3 | |
| | G103-0403320 | | A169659 (CWR-200874) | A169659 | WASHER, master clutch facing (S., ¾ diam.) | 18 | |

| | | | | | |
|---|---|---|---|---|---|
| G104-1578050 | | B197484 (LPE-C18-126) | B197484 | FACING, master clutch driven disc (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 24 |
| G104-1769913 | | A244908 (LPE-X14-51) | A244908 | RIVET, master clutch driven disc facing (fl-hd., S., 5/32 x 3/8) | 96 |
| G104-1769915 | | A244909 (LPE-X14-21) | A244909 | RIVET, master clutch driven disc facing hub (fl-hd., S., 5/16 x 5/8) | 24 |
| G104-0100600 | 02-4 | B183105 | B183105 | FLANGE, companion, master clutch coupling (used with CLUTCH, G104-0100390) | 1 |
| | | 7067362 | | FLANGE, master clutch spindle (used with CLUTCH, G104-7068857) | 1 |
| G104-1584656 | 02-2,3,5 | B197589 (LPE-667-4) | B197589 | FLANGE, master clutch spindle (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 1 |
| G104-0010940 | 02-1 | C67987 | C67987 | HOUSING, master clutch spring (used with CLUTCH, G104-0100390) | 1 |
| G104-0100170 | | A169303 | A169303 | BOLT, clamping clutch to flywheel (hex-hd., S., 1/2-20NF-2 x 6 1/8) | 12 |
| G104-1621066 | 02-4 | C95154 | C95154 | HUB, master clutch plate (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 2 |




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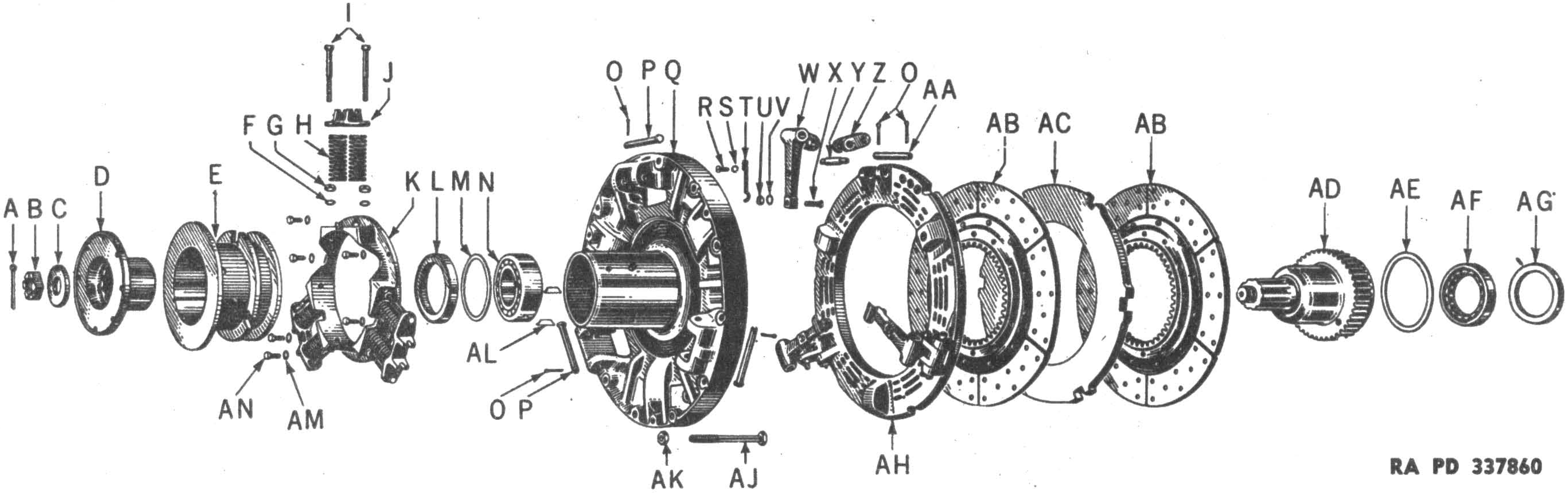
## FIGURE 02-1 — MASTER CLUTCH ASSEMBLY, D47317 — EXPLODED VIEW

| Key | Item | Part Number | Group | Key | Item | Part Number | Group |
|---|---|---|---|---|---|---|---|
| A | NUT | A130768 | 0201 | J | BRACKET | A169120 | 0202 |
| B | WASHER | A163765 | 0201 | K | SHIM | A23202 | 0202 |
| C | SLEEVE | B156934 | 0202 | L | SPRING | A169794 | 0201 |
| D | RETAINER | A163764 | 0201 | M | PLATE, ass'y | B157342 | 0201 |
| E | BEARING | A169400 | 0201 | N | PLATE | B156916 | 0201 |
| F | ARM | B156928 | 0202 | O | PLATE, ass'y | B157341 | 0201 |
| G | PIN | 505525 | 0202 | P | SPINDLE | D34024 | 0201 |
| H | PIN | A23209 | 0202 | Q | HOUSING | C67987 | 0201 |
| I | SCREW | A173404 | 0202 | R | BOLT | A169303 | 0200 |

RA PD 337857C

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | 02-4 | 7067346 | | LINK, aligning, clutch compensators and eyebolts (used with CLUTCH, 7067347) | 6 | |
| | | 02-4 | 7067230 | | PIN, link, link to compensators and eyebolts | 9 | |
| H-1 | H001-4417125 | 02-4 | 137137 | | PIN, cotter, S., parkerized, 1/16 x ½ (BFAX1BC-5) | 18 | |
| | | 02-5 | 7067229 | | LINK, aligning, master clutch plunger and eyebolts (used with CLUTCH, G104-7068857) | 8 | |
| | | 02-5 | 7067230 | | PIN, master clutch aligning link to plunger and eyebolts | 12 | |
| H-1 | H001-4417125 | 02-5 | 137137 | | PIN, cotter, S., parkerized, 1/16 x ½ (BFAX1BC-5) | 24 | |
| | G104-1676439 | 02-2,3,4 | A244880 (LPE-C64-2) | A244880 | LINK, master clutch pressure plate to spring retainer (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 3 | |
| | G104-1714595 | 02-3 | A244885 (LPE-X4-89) | A244885 | NUT, jam, master clutch plate separator stud (hex., S., ⅜-16NC-3) (used with CLUTCH, G104-1538301 and G104-2138264) | 3 | |
| | G103-0401740 | 02-5 | A130768 (LPE-S4-101) | A130768 | NUT, master clutch spindle flange to spindle | 1 | |
| | | 02-4 | 7067342 | | OIL SEAL, master clutch pilot bearing (used with CLUTCH, 7067347) | 1 | |
| | G104-7067340 | | 7067340 | | OIL SEAL, master clutch spindle bearing, front, inner (used with CLUTCH, 7067347) | 1 | |
| | | | 7067341 | | OIL SEAL, master clutch spindle bearing, front, outer (used with CLUTCH, 7067347) | 1 | |
| H-1 | H101-0137274 | 02-5 | 137274 | | PIN, cotter, S., parkerized, 3/16 x 2½ (master clutch spindle nut) (BFAX2AD-5) (used with CLUTCH, G104-7068857) | 1 | |
| | G104-2338744 | 02-3 | A246217 (LPE-C80-1) | A246217 | PIN, master clutch plate separator (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 3 | |
| | G104-1738499 | 02-2,3,4 | A244882 (LPE-C71-1) | A244882 | PIN, master clutch pressure plate to link (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 3 | |
| H-1 | H001-0811051 | 02-3 | 108630 (LPE-X11-3) | | PIN, cotter, split, S., ⅛ x ⅞ (BFAX1DF) | 6 | |
| | | 02-5 | 7067260 | | PLATE, driven, master clutch, assembly (Includes: FACING, PLATE, RIVETS and WASHERS) (used with CLUTCH, G104-7068857) | 2 | |
| | | | 7026239 | | PLATE, driving, master clutch (used with CLUTCH, 7067347) | 1 | |
| | G104-1740290 | 02-2 | D47539 (LPE-C25-13) | D47539 | PLATE, driving, master clutch (used with CLUTCH, G104-1538301) | 1 | |
| | G104-1740186 | 02-3,4 | D78186 (LPE-C25-19) | D78186 | PLATE, driving, master clutch (used with CLUTCH, G104-2138264) | 1 | |
| | | 02-5 | 7067263 | | PLATE, driving, master clutch (used with CLUTCH, G104-7068857) | 1 | |
| | G104-0101550 | 02-1 | B157341 | B157341 | PLATE, master clutch, assembly (Includes: FACING, PLATE, RIVETS and WASHERS) (used with CLUTCH, G104-0100390) | 2 | |
| | G104-0101540 | 02-1 | B156916 | B156916 | PLATE, master clutch, intermediate (used with CLUTCH, G104-0100390) | 3 | |
| | G104-0102070 | | A173405 | A173405 | SCREW, master clutch plate (fil-hd., dld. f/lkg-wire., S., No. 10 (.190)-32NF-3 x ¼) | 4 | |
| | 22W-1642100 | | BFWX1A | BFWX1 | WIRE, black, anld., S., .0410 diam. | as req. | |
| | G104-0101560 | 02-1 | B157342 | B157342 | PLATE, pressure, clutch, w/LINING, assembly (Includes: FACING, RIVETS and WASHERS) (used with CLUTCH, G104-0100390) | 1 | |
| | G104-0101960 | | A169767AB | A169767 | RIVET, steel facing to pressure plate, long | 3 | |
| | G104-0101950 | | A169767AA | A169767 | RIVET, steel facing to pressure plate, short | 15 | |

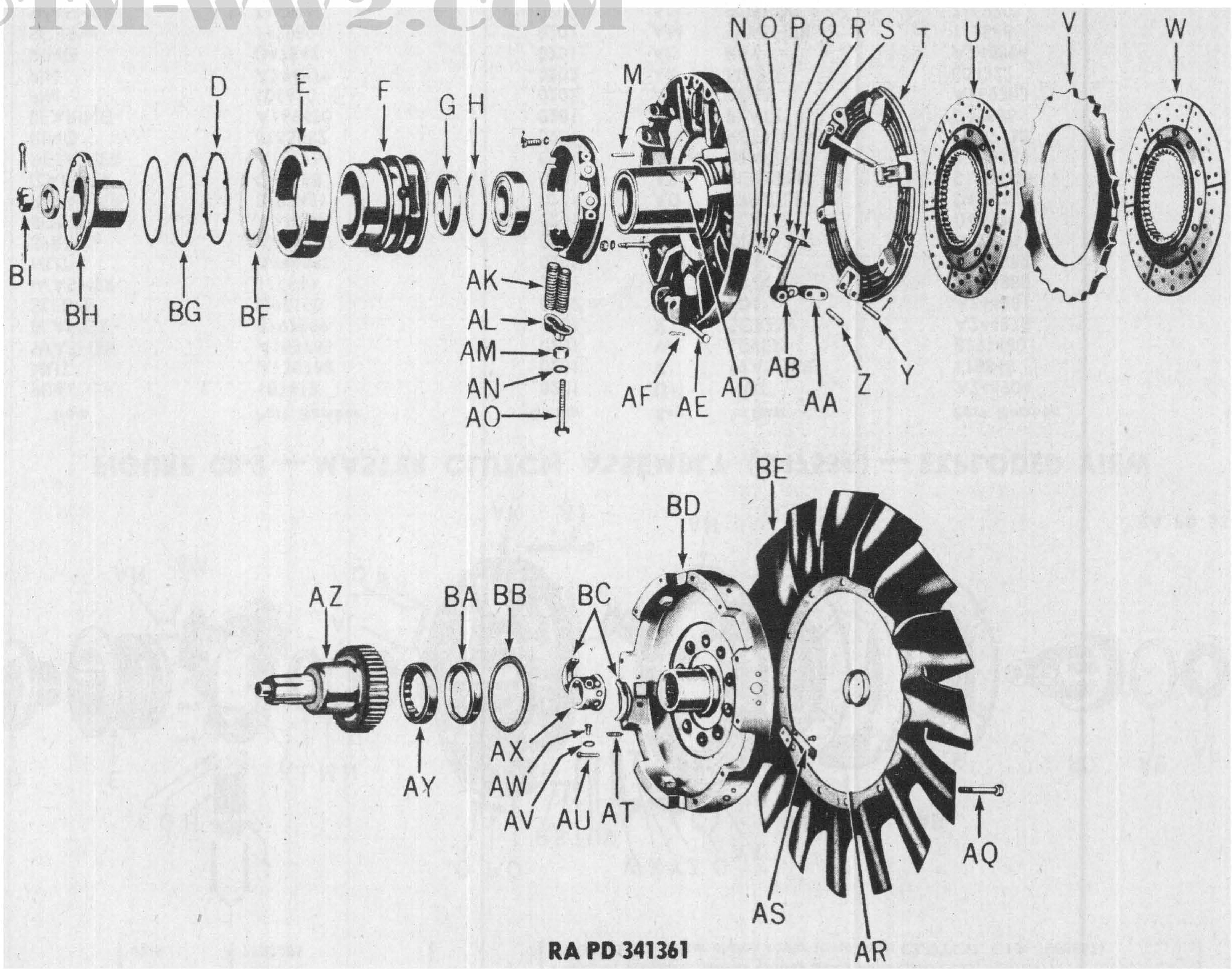
| | | | | | |
|---|---|---|---|---|---|
| G104-1740299 | 02-2,3,4 | D47536 (LPE-C1-36) | D47536 | PLATE, pressure, master clutch (used with CLUTCH, G104-1538301 and G104-2138264) | 1 |
| | 02-5 | 7067267 | | PLATE, pressure, master clutch (used with CLUTCH, G104-7068857) | 1 |
| | | 7026238 | | PLATE, pressure, master clutch (used with CLUTCH, 7067347) | 1 |
| | 02-5 | 7067235 | | PLUNGER, master clutch cover (used with CLUTCH, G104-7068857) | 4 |




## FIGURE 02-2 — MASTER CLUTCH ASSEMBLY (D47534) — EXPLODED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PIN | 103413 | 0201 |
| B | NUT | A130768 | 0201 |
| C | WASHER | A163765 | 0201 |
| D | FLANGE | B197589 | 0201 |
| E | SLEEVE | C95150 | 0202 |
| F | WASHER | 115549 | 0201 |
| G | NUT | A244885 | 0201 |
| H | SPRING | A244922 | 0201 |
| I | BOLT | A244884 | 0201 |
| J | RETAINER | B197481 | 0201 |
| K | CARRIER | C95155 | 0201 |
| L | RETAINER | A163764 | 0201 |
| M | RING | B153582 | 0201 |
| N | BEARING | A169400 | 0201 |
| O | PIN | 108630 | 0202 |
| P | PIN | A244879 | 0202 |
| Q | RING | D47542 | 0201 |
| R | SCREW | 113989 | 0202 |
| S | WASHER | 114616 | 0202 |
| T | SPRING | A244907 | 0202 |
| U | NUT | A244904 | 0202 |
| V | WASHER | 115548 | 0202 |
| W | LEVER | B197480 | 0202 |
| X | SCREW | A244878 | 0202 |
| Y | PIN | A244881 | 0202 |
| Z | LINK | A244880 | 0201 |
| AA | PIN | A244882 | 0201 |
| AB | DISC | D47535 | 0201 |
| AC | PLATE | D47539 | 0201 |
| AD | SPINDLE | D47540 | 0201 |
| AE | SLINGER | B197479 | 0201 |
| AF | BEARING | A163759 | 0201 |
| AG | RETAINER | A169132 | 0201 |
| AH | PLATE | D47536 | 0201 |
| AJ | BOLT | A169303 | 0200 |
| AK | NUT | 503322 | 0200 |
| AL | KEY | A244894 | 0202 |
| AM | WASHER | 115548 | 0201 |
| AN | SCREW | 216920 | 0201 |

RA PD 337860E


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# FIGURE 02-3 — MASTER CLUTCH ASSEMBLY, D78123 — EXPLODED VIEW

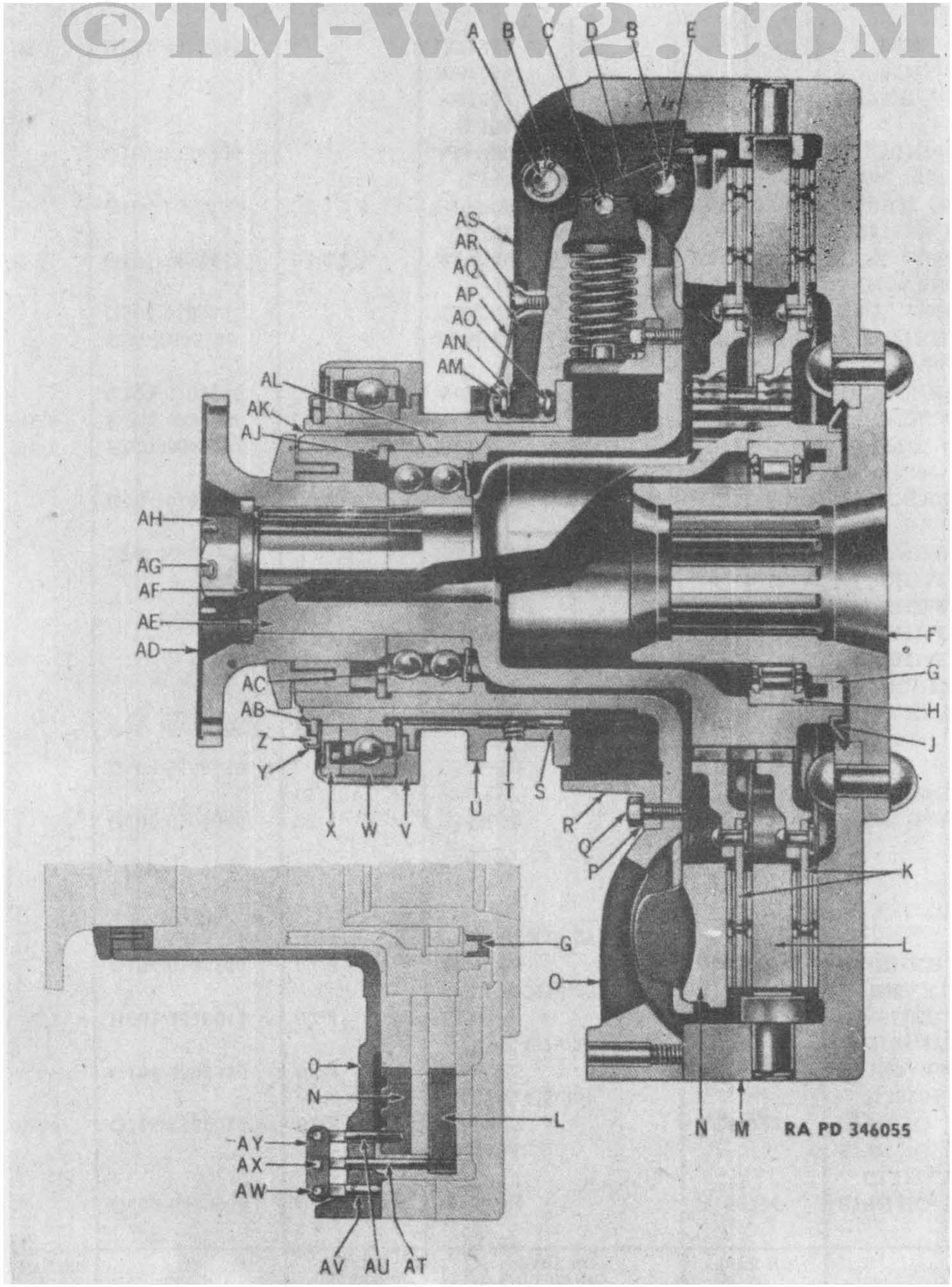
| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PIN | 103413 | 0201 |
| B | WASHER | A163765 | 0201 |
| C | SNAP RING | B207957 | 0202 |
| D | RETAINER | B207958 | 0202 |
| E | CASE | A326752 | 0201 |
| F | SLEEVE | B207953 | 0202 |
| G | RETAINER | A163764 | 0201 |
| H | RING | B153852 | 0201 |
| I | BEARING | A169400 | 0201 |
| J | SCREW | 216920 | 0201 |
| K | WASHER | 115548 | 0201 |
| L | CARRIER | C100637 | 0201 |
| M | WICK | C18126 | 0202 |
| N | SCREW | 113989 | 0202 |
| O | WASHER | 114616 | 0202 |
| P | SPRING | A244907 | 0202 |
| Q | NUT | A244904 | 0202 |
| R | WASHER | 115548 | 0202 |
| S | SCREW | A244878 | 0202 |
| T | PLATE | D47536 | 0201 |
| U | DISC | D47535 | 0201 |
| V | PLATE | D78186 | 0201 |
| W | DISC | D47535 | 0201 |
| X | PIN | 108630 | 0201 |
| Y | PIN | A244882 | 0201 |
| Z | PIN | A244881 | 0202 |
| AA | LINK | A244880 | 0201 |
| AB | LEVER | B197480 | 0202 |
| AC | RING | D78048 | 0201 |
| AD | KEY | A244894 | 0202 |
| AE | PIN | A244879 | 0202 |
| AF | PIN | 108630 | 0202 |
| AG | STUD | A246215 | 0201 |
| AH | WASHER | 115549 | 0201 |
| AJ | NUT | A244885 | 0201 |
| AK | SPRING | A244922 | 0201 |
| AL | RETAINER | B197481 | 0201 |
| AM | NUT | A244885 | 0201 |
| AN | WASHER | 115549 | 0201 |
| AO | BOLT | A244884 | 0201 |
| AP | CONE | CWR-200503 | 0103 |
| AQ | BOLT | A169303 | 0201 |
| AR | SCREW | A246219 | 0201 |
| AS | SPRING | A246216 | 0201 |
| AT | PIN | A246217 | 0201 |
| AU | PIN | 103361 | 0103 |
| AV | WASHER | CWR-200151 | 0103 |
| AW | PIN | CWR-200237 | 0103 |
| AX | NUT | CWR-200422 | 0103 |
| AY | BEARING | A163759 | 0201 |
| AZ | SPINDLE | D47540 | 0201 |
| BA | RETAINER | A169132 | 0201 |
| BB | SLINGER | B197479 | 0201 |
| BC | CONE | CWR-200865 | 0103 |
| BD | FLYWHEEL | CWR-202986 | 0103 |
| BE | FAN | CWR-202055 | 0505 |
| BF | SEAL | B207955 | 0202 |
| BG | RING | B207956 | 0202 |
| BH | FLANGE | B197589 | 0201 |
| BI | NUT | A130768 | 0201 |

RA PD 341361C

# GROUP 02 — CLUTCH



| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1767638 | 02-2,3 | B197481 (LPE-C62-2) | B197481 | RETAINER, master clutch pressure plate spring (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 3 | |
| | G104-1524137 | 02-2,3 | A244884 (LPE-X2-104) | A244884 | BOLT, spring retaining guide (hex-hd., 3/8-16NC-2 x 3½) | 6 | |
| | G104-1714595 | 02-2,3 | A244885 (LPE-X4-89) | A244885 | NUT, jam, spring retaining guide bolt (hex., S., 3/8-16NC-3) | 6 | |
| H-1 | H001-1519011 | 02-2,3 | 115549 (LPE-X10-23) | | WASHER, lock, internal teeth, reg., S., 3/8 (spring retainer guide bolt) (BEAX1L) | 6 | |
| H-13 | H013-0545251 | 02-2,3 | A169132 (LPE-X26-43) | A169132 | RETAINER, oil, master clutch pilot bearing (used with CLUTCH, G104-0100390, G104-1538301, G104-2138264 and 7067347) | 1 | |
| H-13 | H013-0500196 | 02-1,2,3 | A163764 (LPE-X26-44) | A163764 | RETAINER, oil, master clutch spindle bearing, front (used with CLUTCH, G104-0100390, G104-1538301 and G104-2138264) | 1 | |
| | | | 7026237 | | RING, flywheel, master clutch cover (used with CLUTCH, 7067347) | 1 | |
| | G104-2369948 | 02-3,4 | D78048 (LPE-C2-53) | D78048 | RING, flywheel, master clutch cover (used with CLUTCH, G104-2138264) | 1 | |
| | G104-0100170 | | A169303 | A169303 | BOLT, flywheel ring to flywheel (½-20NF-2 x 7/16) | 12 | |
| H-1 | H001-0725680 | | 503322 A215352 | A215352 | NUT, safety, S., ½-20NF-3 (master clutch flywheel bolt) (BBSX4AE) | 12 | |
| | G104-1769823 | 02-2 | D47542 | D47542 | RING, flywheel, master clutch cover (used with CLUTCH, G104-1538301) | 1 | |
| | G104-0101860 | 02-2,3,4 | B153582 (LPE-X72-1) | B153582 | RING, lock, master clutch spindle ball bearing | 1 | |
| | | 02-5 | 7067249 | | SEAL, flywheel hub to master clutch spindle | 1 | |
| | | 02-5 | 7067248 | | SEAL, master clutch flange, outer (used with CLUTCH, G104-7068857) | 1 | |
| | | 02-5 | 7067247 | | SEAL, master clutch spindle, inner (used with CLUTCH, G104-7068857) | 1 | |
| | | 02-5 | 7067238 | | SEAT, master clutch pressure spring (used with CLUTCH, G104-7068857) | 12 | |
| | G104-1787299 | 02-2,3,4 | B197479 (LPE-C38-2) | B197479 | SLINGER, oil, master clutch pilot bearing (used with CLUTCH, G104-0100390, G104-1538301 and G104-2138264) | 1 | |
| | G163-7006862 | | 7006862 (CWR-202424) | | SPACER, master clutch driving plate (used with CLUTCH, G104-1538301 and G104-2138264) | 3 | |
| | G104-0106240 | 02-1 | D34024 | D34024 | SPINDLE, master clutch (used with CLUTCH, G104-0100390) | 1 | |
| | G104-1789570 | 02-2,3,4 | D47540 (LPE-C68-4) | D47540 | SPINDLE, master clutch (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 1 | |
| | G103-0401740 | 01-4,02-1, 2,3,4 | A130768 (LPE-X4-101) | A130768 | NUT, master clutch spindle (hex., slotted, special, S., 1¼-12NF-2) | 1 | |
| H-1 | H001-0811081 | 02-2,3,4 | 103413 (LPE-X11-26) | | PIN, cotter, split, S., 3/16 x 2½ (BEAX2AD) | 1 | |
| | G104-0103260 | 01-4,02-1,2, 3,4 | A163765 (LPE-X10-99) | A163765 | WASHER, master clutch spindle (S., 1¼ I.D. x 2¾ O.D. x ¼ thk.) | 1 | |
| | G104-7067264 | 02-5 | 7067264 | | SPINDLE, master clutch (used with CLUTCH, G104-7068857) | 1 | |
| | G104-2389814 | 02-3 | A246216 (CWR-201994) | A246216 | SPRING, master clutch (used with CLUTCH, G104-1538301 and G104-2138264) | 3 | |
| | G104-2124262 | 02-3 | A246219 (CWR-201995) | A246219 | SCREW, cap, master clutch plate separator spring (dld-hd., S., ¼-20NC-2 x ½) | 6 | |
| | 22W-1642100 | | BFWX1A | BFWX1 | WIRE, black, anld., S., .0410 diam. | as req. | |

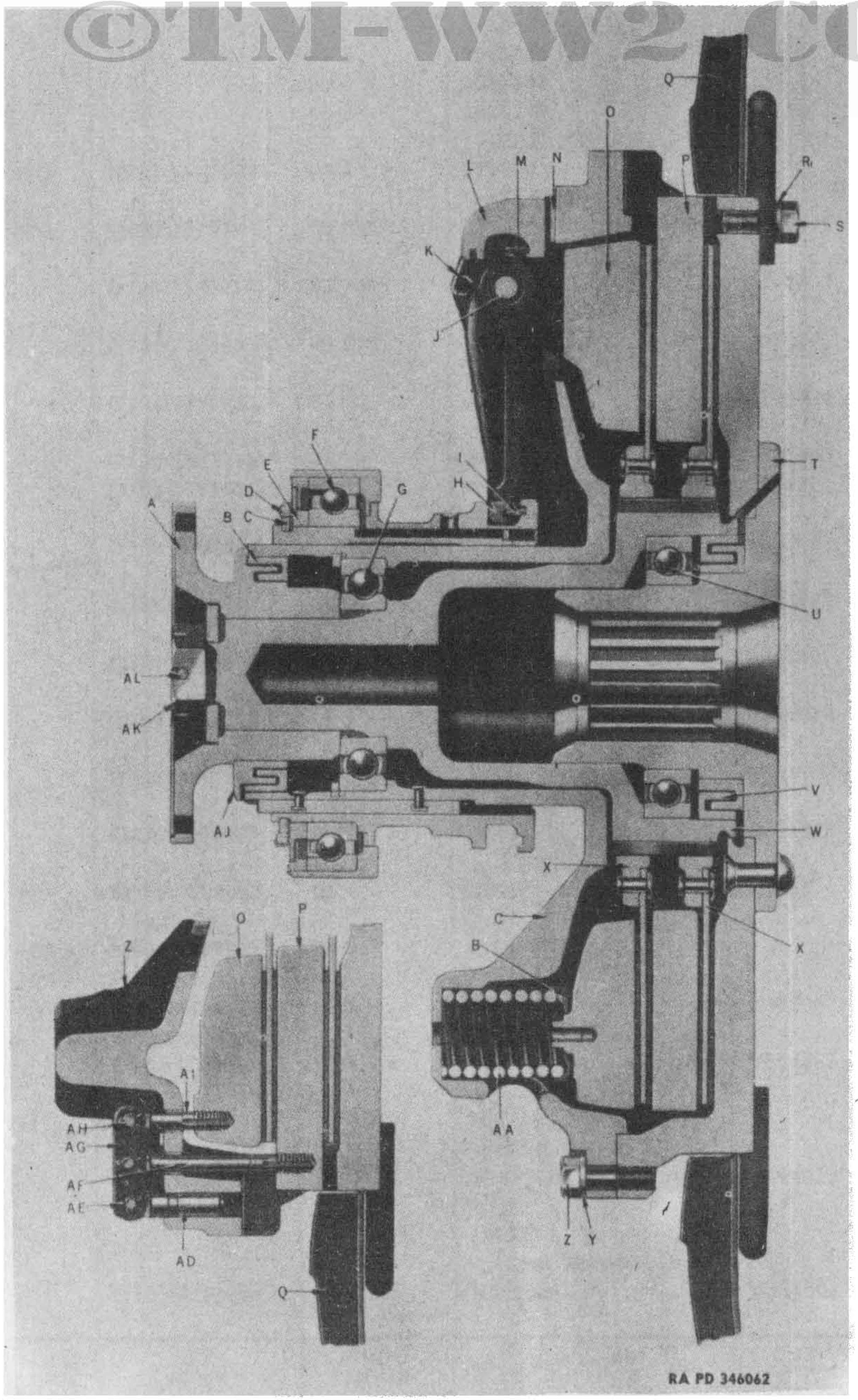



| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PIN | A244879 | 0202 |
| B | PIN | 108630 | 0202 |
| C | PIN | A244881 | 0202 |
| D | LINK | A244880 | 0201 |
| E | PIN | A244882 | 0201 |
| F | HUB | C95154 | 0201 |
| G | OIL SEAL | 7067342 | 0201 |
| H | BEARING | A163759 | 0201 |
| J | SLINGER | D197479 | 0201 |
| K | DISC | D47535 | 0201 |
| L | PLATE | D78186 | 0201 |
| M | FLYWHEEL | D47541 | 0103 |
| N | PLATE | D47536 | 0201 |
| O | RING | D78048 | 0201 |
| P | WASHER | 115548 | 0201 |
| Q | SCREW | 216920 | 0201 |
| R | CARRIER | C100637 | 0201 |
| S | PIN | 544002 | 0202 |
| T | PLUG | A4632 | 0202 |
| U | SLEEVE | B207953 | 0202 |
| V | CASE | A326752 | 0201 |
| W | BEARING (furnished only as part of CASE, A326752) | | 0201 |
| X | SEAL | B207955 | 0202 |
| Y | RETAINER | B207958 | 0202 |
| Z | RING | B207956 | 0202 |
| AB | SNAP RING | B207957 | 0202 |
| AC | BEARING | A169400 | 0201 |
| AD | FLANGE | B183105 | 0201 |
| AE | SPINDLE | D47540 | 0201 |
| AF | WASHER | A163765 | 0201 |
| AG | PIN | 103413 | 0201 |
| AH | NUT | A130768 | 0201 |
| AJ | RING | B153582 | 0201 |
| AK | WICK | C18126 | 0202 |
| AL | KEY | A244894 | 0202 |
| AM | NUT | A244904 | 0202 |
| AN | WASHER | 115548 | 0202 |
| AO | SCREW | A244878 | 0202 |
| AP | SPRING | A244907 | 0202 |
| AQ | WASHER | 114616 | 0202 |
| AR | SCREW | 113989 | 0202 |
| AS | LEVER | B197480 | 0202 |
| AT | EYEBOLT | 7067345 | 0201 |
| AU | EYEBOLT | 7067344 | 0201 |
| AV | COMPENSATOR | 7067343 | 0201 |
| AW | PIN | 7067230 | 0201 |
| AX | PIN | 137137 | 0201 |
| AY | LINK | 7067346 | 0201 |

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**FIGURE 02-4 — MASTER CLUTCH ASSEMBLY, 7067347 — CROSS SECTIONAL VIEW**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G103-0402940 | 02-1 | A169794 | A169794 | SPRING, master clutch (helical, S., 1½ O.D., 8 coils, 2-61/64 free lgh.) (used with CLUTCH, G104-0100390) | 12 | |
| | | 02-5 | 7067253 | | SPRING, pressure, master clutch (used with CLUTCH, G104-7068857) | 12 | |
| | G104-1789619 | 02-2,3 | A244922 (LPE-C5-26) | A244922 | SPRING, pressure, master clutch (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 6 | |
| | G104-2392306 | 02-3 | A246215 (LPE-C76-2) | A246215 | STUD, master clutch plate separator (used with CLUTCH, G104-1538301 and G104-2138264) | 3 | |
| H-1 | H001-1519011 | 02-3 | 115549 (LPE-X10-23) | | WASHER, lock, internal teeth, reg., S., ⅜ (master clutch plate separator stud) (BEAX1L) (used with CLUTCH, G104-1538301 and G104-2138264) | 3 | |
| | G104-0103260 | 02-4 | A163765 (LPE-X10-99) | A163765 | WASHER, master clutch spindle flange to spindle nut | 1 | |
| | | | | | **0202—CLUTCH RELEASE SLEEVE AND BEARING** | | |
| | G104-0100040 | 02-1 | B156928 | B156928 | ARM, master clutch release lever (used with CLUTCH, G104-0100390) | 3 | |
| | | 02-5 | 7067255 | | BEARING, master clutch release lever (used with CLUTCH, G104-7068857) | 4 | |
| | G104-5600350 | | C100350 (LPE-C4-49) | C100350 | BODY, master clutch release sleeve (used with CLUTCH, G104-2138264 and 7067347) | 1 | |
| | | 02-5 | 7067251 | | BRACKET, master clutch release lever (used with CLUTCH, G104-7068857) | 4 | |
| | | | 7067234 | | SCREW, master clutch release lever bracket to cover | 8 | |
| | | | 7067240 | | SHIM, master clutch release lever bracket to cover screw | 4 | |
| | | | 7067241 | | SHIM, master clutch release lever bracket to cover screw | 4 | |
| | | | 7067242 | | SHIM, master clutch release lever bracket to cover screw | 4 | |
| | | 02-5 | 7067244 | | SHIM, master clutch release lever bracket to cover screw | 4 | |
| | 22W-1642125 | | BFWX1B | BFWX1 | WIRE, locking, S., low carbon, bright anld., .0625 diam. (master clutch release lever bracket to cover screw) | as req. | |
| | G104-0100240 | 02-1 | A169120 | A169120 | BRACKET, mounting, master clutch release lever (used with CLUTCH, G104-0100390) | 3 | |
| H-1 | H001-0829145 | | 505469 | | PIN, stght., S., 1/16 x ⅝ (BFDX1AK) | 3 | |
| H-1 | H001-0830086 | 02-1 | 505525 | | PIN, stght., S., ¼ x 1¼ (BFDX2AE) | 3 | |
| | G104-0102060 | 02-1 | A173404 | A173404 | SCREW, clutch release lever mounting bracket (special, hex-hd., dld. f/lkg-wire., S., ½-13NC-2 x 1½) | 6 | |
| | 22W-1642125 | | BFWX1B | BFWX1 | WIRE, bright anld., S., .0625 diam. | as req. | |
| | G103-0103552 | | A23238 | A23238 | KEY, master clutch release sleeve (S., ¼ x ¼ x 1½) (used with CLUTCH, G104-0100390) | 1 | |
| | G104-1658647 | 02-2,3,4 | A244894 (LPE-C79-1) | A244894 | KEY, master clutch release sleeve (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 2 | |
| | G104-1674158 | 02-2,3,4 | B197480 (LPE-C60-6) | B197480 | LEVER, release, master clutch (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 3 | |
| | G104-1738500 | | A244881 (LPE-C65-2) | A244881 | PIN, master clutch release lever to link | 3 | |
| | | 02-5 | 7067262 | | LEVER, release, master clutch (used with CLUTCH, G104-7068857 and 7067270) | 4 | |
| | | | 7067239 | | PIN, master clutch release lever to bracket | 4 | |
| H-1 | H001-4417745 | | 137195 | | PIN, cotter, split, S., parkerized, ⅛ x 1¼ (BFAX1DH-5) | 8 | |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | FLANGE | 7067362 | 0201 |
| B | SEAL | 7067247 | 0201 |
| C | SNAP RING | B207957 | 0202 |
| D | RETAINER | B207958 | 0202 |
| E | SEAL | B207955 | 0202 |
| F | CASE, ass'y | A326752 | 0201 |
| G | BEARING | 7067223 | 0201 |
| H | LEVER | 7067262 | 0202 |
| I | STRUT | 7067254 | 0202 |
| J | BEARING | 7067255 | 0202 |
| K | SPRING | 7067246 | 0202 |
| L | BRACKET | 7067251 | 0202 |
| M | STRUT | 7067245 | 0202 |
| N | SHIM | 7067244 | 0202 |
| O | PLATE | 7067267 | 0201 |
| P | PLATE | 7067263 | 0201 |
| Q | FAN | D78195 | 0505 |
| R | WASHER | 120384 | 0502 |
| S | BOLT | 181697 | 0502 |
| T | HUB, ass'y | 7067265 | 0103 |
| U | BEARING | 7067228 | 0201 |
| V | SEAL | 7067249 | 0201 |
| W | SPINDLE | 7067264 | 0201 |
| X | PLATE, ass'y | 7067260 | 0201 |
| Y | WASHER | 120384 | 0201 |
| Z | SCREW | 7067233 | 0201 |
| AA | SPRING | 7067253 | 0201 |
| AB | SEAT | 7067238 | 0201 |
| AC | COVER, ass'y | 7068858 | 0201 |
| AD | PLUNGER | 7067235 | 0201 |
| AE | PIN | 137137 | 0201 |
| AF | EYEBOLT | 7067232 | 0201 |
| AG | LINK | 7067229 | 0201 |
| AH | PIN | 7067230 | 0201 |
| AI | EYEBOLT | 7067231 | 0201 |
| AJ | SEAL | 7067248 | 0201 |
| AK | NUT | A130768 | 0201 |
| AL | PIN | 137274 | 0201 |

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**FIGURE 02-5 — MASTER CLUTCH ASSEMBLY, 7067270 — CROSS SECTIONAL VIEW**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1714597 | 02-2,3,4 | A244904 (LPE X4-100) | A244904 | NUT, master clutch release lever adjusting screw (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 3 | |
| | | | 7067236 | | OIL SEAL, master clutch release lever to bracket pin (used with CLUTCH, G104-7068857) | 8 | |
| | G104-1738501 | 02-2,3,4 | A244879 (LPE-C63-2) | A244879 | PIN, master clutch release lever to flywheel ring (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 3 | |
| H-1 | H001-0811329 | 02-2,3,4 | 108630 (LPE-X11-3) | | PIN, cotter, split, 1/8 x 7/8 (BFAX1DE) | 3 | |
| | G104-1738500 | 02-2,3,4 | A244881 (LPE-C65-2) | A244881 | PIN, master clutch release lever to link (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 3 | |
| | G103-0302800 | 02-1 | A23209 | A23209 | PIN, pivot, master clutch release lever (used with CLUTCH, G104-0100390) | 3 | |
| H-1 | H001-0811052 | | 103385 | | PIN, cotter, split, S., 1/8 x 1 (BFAX1DG) | 6 | |
| H-1 | H001-0830071 | 02-4 | 544002 | | PIN, stght., drill rod, S., 1/4 x 1/2 (master clutch sleeve) (BFDX5Q) (used with CLUTCH, G104-2138264, G104-1538301 and 7067347) | 1 | |
| H-6 | H006-0283989 | 02-4 | A4632 (LPE-X5-271) | A4632 | PLUG, pipe, master clutch drain coupling thru sleeve (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 1 | |
| | G104-1767662 | 02-3,4,5 | B207958 (LPE-C84-1) | B207958 | RETAINER, bearing, master clutch release sleeve (used with CLUTCH, G104-2138264, G104-7068857 and 7067347) | 1 | |
| | G104-1769831 | 02-3,4 | B207956 (LPE-C85-1) | B207956 | RING, lock, clutch release bearing (used with CLUTCH, G104-2138264, G104-7068857 and 7067347) | 1 | |
| | G104-1781808 | 02-2,3,4 | A244878 (LPE-C61-2) | A244878 | SCREW, adjusting, master clutch release lever (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 3 | |
| | G104-1782922 | 02-3,4,5 | B207955 (LPE-C82-1) | B207955 | SEAL, master clutch release sleeve bearing, inner (used with CLUTCH, G104-2138264, G104-7068857 and 7067347) | 1 | |
| | 5900-C-82-2 | | B207952 (LPE-C82-2) | B207952 | SEAL, master clutch release sleeve bearing, outer | 1 | |
| | G103-0600260 | 02-1 | A23202 | A23202 | SHIM, master clutch arm bracket (laminated, br., .062 thk.) (used with CLUTCH, G104-0100390) | 15 | |
| | G104-1787101 | 02-2 | C95150 | C95150 | SLEEVE, release, master clutch (used with CLUTCH, G104-1538301) | 1 | |
| | G104-6207953 | 02-3,4 | B207953 (LPE-AC4-49) | B207953 | SLEEVE, release, master clutch, w/BEARING, assembly (used with CLUTCH, G104-2138264 and 7067347) | 1 | |
| | G104-0102520 | 02-1 | B156934 | B156934 | SLEEVE, throwout, master clutch (used with CLUTCH, G104-0100390) | 1 | |
| | | | 7068859 | | SLEEVE, throwout, master clutch (used with CLUTCH, G104-7068857) | 1 | |
| | G104-1769832 | 02-3,4,5 | B207957 (LPE-C11-5) | B207957 | SNAP RING, master clutch release sleeve bearing (used with CLUTCH, G104-2138264, G104-7068857 and 7067347) | 1 | |
| | G104-1789618 | 02-2,3,4 | A244907 (LPE-C6-8) | A244907 | SPRING, anti-rattle, master clutch release lever (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 3 | |
| H-1 | H001-1023134 | 02-2,3,4 | 113989 (LPE-X9-38) | | SCREW, mach., fl-hd., S., 1/4-20NC-2 x 5/8 (BCKX2CF) | 3 | |
| H-1 | H001-1521005 | 02-2,3,4 | 114616 (LPE-X10-106) | | WASHER, lock, ex[illegible], ck., S., 1/4 (BEAX4E) | 3 | |
| | | 02-5 | 7067246 | | SPRING, master clutch release lever (used with CLUTCH, G104-7068857) | 4 | |
| | | 02-5 | 7067245 | | STRUT, master clutch release lever to bracket (used with CLUTCH, G104-7068857) | 4 | |
| | | 02-5 | 7067254 | | STRUT, master clutch release lever to sleeve (used with CLUTCH, G104-7068857) | 4 | |

|  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|
| H-1 | H001-1519010 | 02-3,4 | 115548 (LPE-X10-89) |  | WASHER, lock, internal teeth, reg., S., 5/16 (master clutch release lever adjusting screw) (BEAX1K) (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 3 |
|  | G104-3199692 | 02-3,4 | C18126 (LPE-C86-1) | C18126 | WICK, oil, master clutch release sleeve (used with CLUTCH, G104-1538301, G104-2138264 and 7067347) | 1 |

## GROUP 03 — FUEL

**All parts for both the R975-C1 and C4 engines are listed in this group. Parts that are peculiar only to one engine carry the notation "(C1 only)" or "(C4 only)" all other parts not so noted are common to both the R975-C1 and C4 engines.**

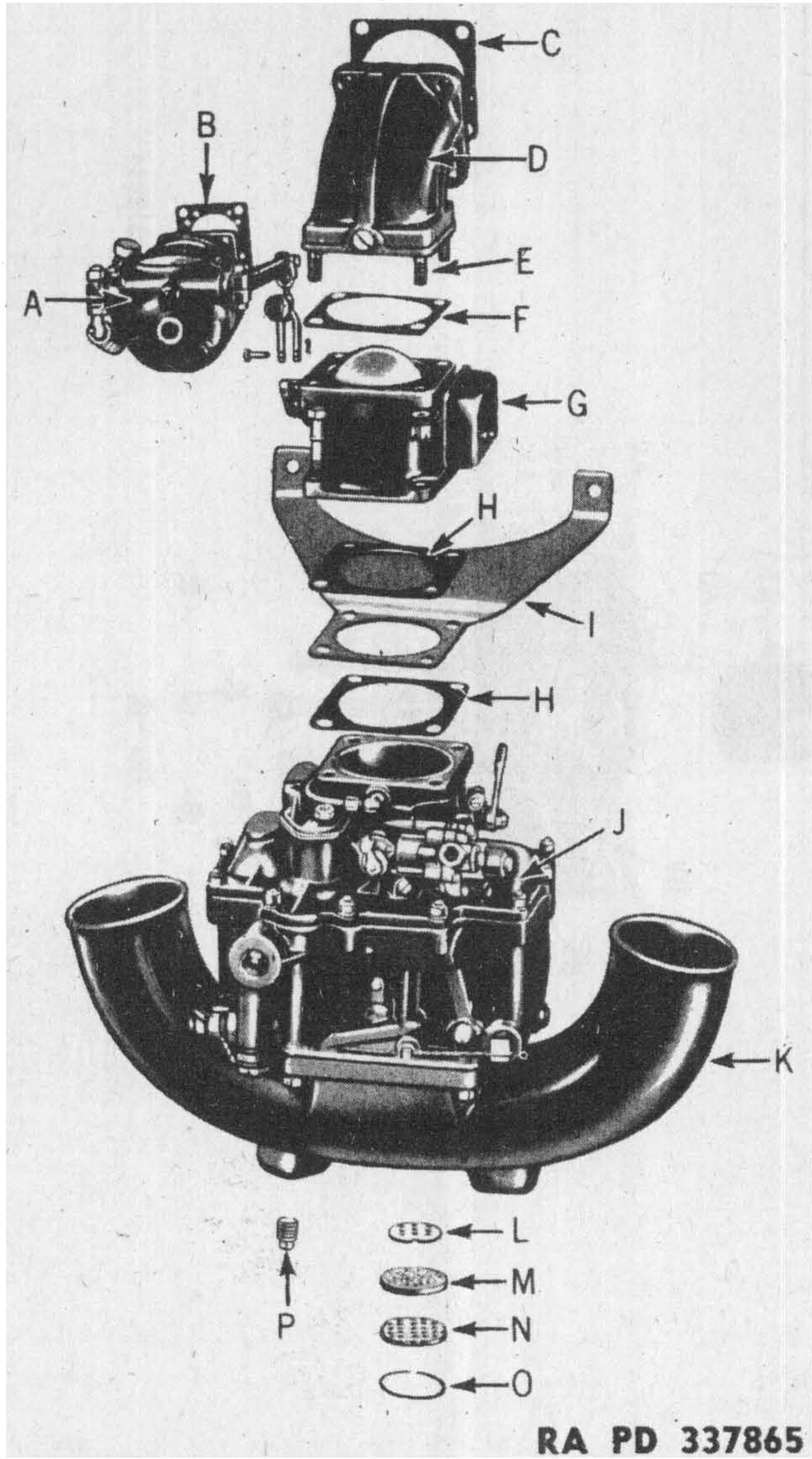
### 0301—CARBURETOR

|  |  |  |  |  |  |
|---|---|---|---|---|---|
| G163-0110476 | 03-2 | A303863 (BS-383400) | A303863 | ARM, contact, carburetor economizer valve (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) | 1 |
|  |  | (BS-383389) |  | BEARING, carburetor pump stem fork (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) | 1 |
| G163-0122292 | 03-2 | A304116 (BS-P-20242) | A304116 | BLEED, air, carburetor idler (variable, No. 60) (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) | 1 |
| G104-0300426 | 03-2 | A245777 (BS-P9201) | A245777 | BLEED, air, carburetor main body (variable, No. 55) (used on CARBURETOR, G163-0131450) (C1 only) | 1 |
| G104-5245777 |  | (BS-P9201-70) |  | BLEED, air, carburetor main body (variable, No. 70)(used on CARBURETOR, 0840-NAR9G-380118) (C4 only) | 1 |
| G096-2100030 |  | (BS-P16596) |  | BLOCK, carburetor throttle stop (used on CARBURETOR, G104-1531730) (C1 only) | 1 |
| G163-0122523 | 03-2 | A303894 (BS-383428) | A303894 | BLOCK, carburetor throttle stop (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) | 1 |
| 0840-P61399 |  | (BS-P61399) |  | BODY, carburetor main (used on CARBURETOR, G104-1531730) (C1 only) | 1 |
|  |  | (BS-383383) |  | BODY, carburetor main (used on CARBURETOR, G163-0131450 and 0840-NAR9G-380118) | 1 |
|  |  | (BS-384073) |  | BODY, carburetor main (used on CARBURETOR, 0840-380132-1) (C4 only) | 1 |
| G104-0100158 |  | C95281 (BS-P61409) | C95281 | BODY, carburetor main, assembly (used on CARBURETOR, G104-1531730) (C1 only) | 1 |
| G163-0124169 | 03-2 | C127165 (BS-383382) | C127165 | BODY, carburetor main, assembly (used on CARBURETOR, G163-0131450 and 0840-NAR9G-380118) | 1 |
|  |  | (BS-384074) |  | BODY, carburetor main, assembly (used on CARBURETOR, 0840-380132-1) (C4 only) | 1 |
|  |  | (BS-383386) |  | BODY, carburetor throttle (used on CARBURETOR, G163-0131450 and 0840-NAR9G-380118) | 1 |
|  |  | (BS-384075) |  | BODY, carburetor throttle (used on CARBURETOR, 0840-380132-1) (C4 only) | 1 |
| G163-0124169 | 03-2 | C127166 (BS-383385) | C127166 | BODY, carburetor throttle, assembly (used on CARBURETOR, G163-0131450 and 0840-NAR9G-380118) | 1 |
| G104-0101173 | 03-2 | A245888 (BS-P60244) | A245888 | NUT, carburetor main body stud (¼-28) (also part of KITS, G163-7000451 and 0840-384012) | 11 |
| G104-1792241 | 03-2 | A246139 (BS-P60150-1) | A246139 | STUD, carburetor main body (¼-20 x 1¼) (1st oversize) | 11 |
| G163-0392264 |  | (BS-P60150-2) |  | STUD, carburetor main body (¼-20 x 1¼) (2nd oversize) | 11 |

*(Cont.)*

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| | G104-0103265 | 03-2 | A245868 (BS-P20355) | A245868 | WASHER, carburetor main body stud (also part of KITS, G163-7000451 and 0840-384012) | 11 | |
| | | | (BS-384076) | | BODY, carburetor throttle, assembly (used on CARBURETOR, 0840-380132-1) (C4 only) | 1 | |
| | G104-7006925 | 03-1 | 7006925 (CWR-203202) | | BOX, throttle, governor | 1 | |
| H-1 | H101-0225854 | | (AIR-AN-360-6) | | NUT, hex., plain, 3/8-24NF-3 (carburetor throttle box to elbow stud) | 4 | |
| H-1 | H001-4057591 | | 107823 (AIR-AN-356-624) | | NUT, lock, 3/8-24NF (carburetor throttle box to elbow stud) (used with CARBURETOR, 0840-380132-1) (BBSX6Q-1) | 4 | |
| | G163-0314864 | | (CWR-200942) | | NUT, carburetor throttle box to elbow stud (used with CARBURETOR, 0840-380132-1) | 4 | |
| | | | (CWR-200266) | | STUD, carburetor throttle box to elbow (superseded by STUD, G104-1792242) | 4 | |
| | G104-1792242 | 03-1 | A246139 (CWR-201479) | A246139 | STUD, carburetor throttle box to elbow (supersedes STUD, CWR-200266) | 4 | |
| | G163-7006766 | | 7006766 (CWR-203329) | | STUD, throttle box to elbow (used with CARBURETOR, 0840-380132-1) | 4 | |
| H-1 | H101-0502204 | | (AIR-AN960-616) | | WASHER, plain, reg., carb-S., 3/8 (throttle box to elbow stud) | 4 | |
| | G104-1525790 | 03-1 | D50205 (CWR-201435) | D50205 | BRACE, carburetor elbow | 1 | |
| | G104-0100222 | | A246061 (CWR-201438) | A246061 | BOLT, carburetor elbow brace to throttle box | 4 | |
| | G104-1524223 | | A246140 (CWR-201483) | A246140 | SCREW, cap, carburetor elbow brace to crankcase (hex-hd., dld. f/lkg-wire., S., cd-pltd., 7/16-14NC-3 x 1 3/4) | 2 | |
| | G104-1842847 | | A246082 (CWR-200157) | A246082 | WASHER, plain, carburetor elbow brace to crankcase screw (alloy-S., cd-pltd., 7/8) | 2 | |
| | G104-0100275 | | A245882 (BS-P60011) | A245882 | BUSHING, carburetor economizer needle valve (used on CARBURETOR, G104-1531730) (C1 only) | 1 | |
| | G104-0100269 | | A245863A (BS-P20181) | A245863 | BUSHING, carburetor fuel inlet | 1 | |
| | G104-0100275 | | A245863B (BS-P20181-1) | A245863 | BUSHING, carburetor main body fuel inlet (1st oversize) | 1 | |
| | G104-1527690 | | A245863C (BS-P20181-2) | A245863 | BUSHING, carburetor main body fuel inlet (2nd oversize) | 1 | |
| | G104-1527729 | 03-2 | (BS-P60857-1) | | BUSHING, carburetor main body (1st oversize) | 3 | |
| | G104-1527691 | | A245890C (BS-P60857-2) | A245890 | BUSHING, carburetor main body (2nd oversize) | 3 | |
| | G104-1527732 | 03-2 | (BS-P60973-1) | | BUSHING, carburetor main body (1st oversize) | 1 | |
| | G104-1527733 | | A245892C (BS-P60973-2) | A245892 | BUSHING, carburetor main body (2nd oversize) | 1 | |
| | G104-0100277 | | A245782 (BS-P21208) | A245782 | BUSHING, carburetor main body drain plug | 2 | |
| | G104-0100273 | | A245856 (BS-P19240) | A245856 | BUSHING, carburetor pump stem (used on CARBURETOR, G104-1531730) (C1 only) | 1 | |

| | | | | | |
|---|---|---|---|---|---|
| G163-0128015 | 03-2 | A303880 (BS-383401) | A303880 | BUSHING, carburetor pump stem (used on CARBURETOR, G163-0131450 and 0840-NAR9G-380118) | 1 |
| | | (BS-384078) | | BUSHING, carburetor pump stem | 1 |
| G104-0100281 | | (BS-390080) | | BUSHING, carburetor throttle shaft | 2 |
| G163-0128016 | 03-2 | A245904B (BS-390081) | A245904 | BUSHING, carburetor throttle shaft (1st oversize) | 2 |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | GOVERNOR | B194931 | 0308 |
| B | GASKET | CWR-203201 | 0308 |
| C | GASKET | CWR-201450 | 0301 |
| D | ELBOW | CWR-201464 | 0301 |
| E | STUD | CWR-201479 | 0301 |
| F | GASKET | CWR-200355 | 0301 |
| G | BOX | CWR-203202 | 0301 |
| H | GASKET | CWR-201437 | 0301 |
| I | BRACE | CWR-201435 | 0301 |
| J | CARBURETOR | CWR-202199 | 0301 |
| K | SCOOP | CWR-200795 | 0301 |
| L | SCREEN | CWR-202304 | 0301 |
| M | PAD | CWR-202068 | 0301 |
| N | RETAINER | CWR-200704 | 0301 |
| O | SPRING | CWR-200668 | 0301 |
| P | PLUG | CWR-201295 | 0301 |

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FIGURE 03-1 — CARBURETOR ASSEMBLY, B264181 AND ASSOCIATED PARTS

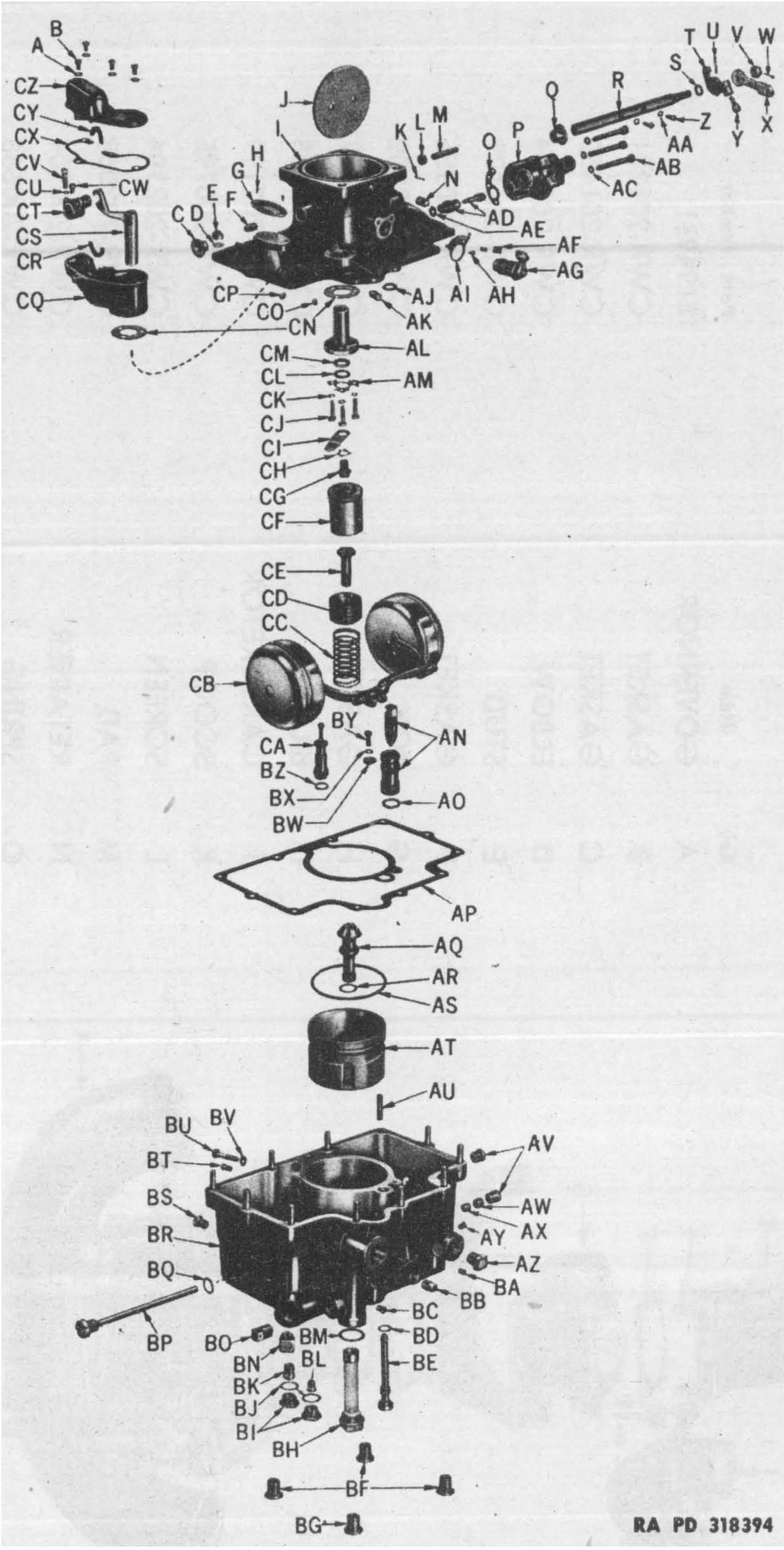



**FIGURE 03-2 — CARBURETOR ASSEMBLY, B264181 — EXPLODED VIEW**

# FIGURE 03-2 — CARBURETOR ASSEMBLY, B264181 — EXPLODED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | WASHER | BS-P-24532 | 0301 |
| B | SCREW | BS-383413 | 0301 |
| C | BUSHING | BS-390081 | 0301 |
| D | WASHER | BS-P-20355 | 0301 |
| E | NUT | BS-P-60244 | 0301 |
| F | BLEED | BS-P-20242 | 0301 |
| G | PLATE | BS-P-6521 | 0301 |
| H | SCREW | BS-P-16630 | 0301 |
| I | BODY, ass'y | BS-383385 | 0301 |
| J | VALVE | BS-383419 | 0301 |
| K | PIN | BS-P-16597 | 0301 |
| L | NUT | BS-383427 | 0301 |
| M | BLOCK | BS-383428 | 0301 |
| N | PLUG | BS-P-8508 | 0301 |
| O | GASKET | BS-383195 | 0301 |
| P | DEGASSER, ass'y | BS-383532 | 0301 |
| Q | BUSHING | BS-390081 | 0301 |
| R | SHAFT | BS-383418 | 0301 |
| S | SEAL | BS-390293 | 0301 |
| T | STOP, ass'y | BS-P-20346 | 0301 |
| U | PIN | BS-P-19086-1 | 0301 |
| V | NUT | BS-P-6581 | 0301 |
| W | PIN | BS-P-6666 | 0301 |
| X | LEVER | BS-P-13675 | 0301 |
| Y | SCREW | BS-P-11477 | 0301 |
| Z | SCREW | BS-P-12403 | 0301 |
| AA | WASHER | BS-901045 | 0301 |
| AB | SCREW | BS-383194 | 0301 |
| AC | WASHER | BS-901004 | 0301 |
| AD | VALVE, ass'y | BS-383199 | 0301 |
| AE | GASKET | BS-382498 | 0301 |
| AF | PLUG | BS-P-20166 | 0301 |
| AG | JET | BS-P-20570 | 0301 |
| AH | SCREW | BS-P-6869 | 0301 |
| AI | QUADRANT | BS-P-13733 | 0301 |
| AK | PACKING | BS-390267 | 0301 |
| AJ | PLUG | BS-P-6387 | 0301 |
| AL | BUSHING | BS-383401 | 0301 |
| AM | PLATE | BS-383411 | 0301 |
| AN | VALVE, ass'y | BS-383597 | 0301 |
| AO | GASKET | BS-P-5319 | 0301 |
| AP | GASKET | BS-383407 | 0301 |
| AQ | NOZZLE | BS-383410 | 0301 |
| AR | GASKET | BS-P-16790 | 0301 |
| AS | PACKING | BS-392636 | 0301 |
| AT | VENTURI | BS-383424 | 0301 |
| AU | STUD | BS-P-60150-1 | 0301 |
| AV | PLUG | BS-P-22108 | 0301 |
| AW | PLUG | BS-P-14378 | 0301 |
| AX | PLUG | BS-P-10248 | 0301 |
| AY | PLUG | BS-P-20165 | 0301 |
| AZ | PLUG | BS-P-9008 | 0301 |
| BA | PLUG | BS-P-20399 | 0301 |
| BB | PLUG | BS-P-8508 | 0301 |
| BC | PLUG | BS-P-20165 | 0301 |
| BD | GASKET | BS-174-S-4 | 0301 |
| BE | HOLDER, ass'y | BS-383421 | 0301 |
| BF | BUSHING | BS-P-60857-1 | 0301 |
| BG | BUSHING | BS-P-60973-1 | 0301 |
| BH | STRAINER, ass'y | BS-P-13680 | 0301 |
| BI | PLUG | BS-P-10908 | 0301 |
| BJ | GASKET | BS-P-3779 | 0301 |
| BK | JET | BS-393044 | 0301 |
| BL | JET | BS-390188 | 0301 |
| BM | GASKET | BS-174-S-22 | 0301 |
| BN | PLUG | BS-P-9008 | 0301 |
| BO | PLUG | BS-P-8505 | 0301 |
| BP | SCREW, ass'y | BS-P-61401 | 0301 |
| BQ | GASKET | BS-P-5319 | 0301 |
| BR | BODY | BS-383382 | 0301 |
| BS | PLUG | BS-P-20167 | 0301 |
| BT | PLUG | BS-P-20399 | 0301 |
| BU | SCREW | BS-P-61400 | 0301 |
| BV | WASHER | BS-P-16708 | 0301 |
| BW | CLIP | BS-P-13898 | 0301 |
| BX | WASHER | BS-901004 | 0301 |
| BY | SCREW | BS-P-3199 | 0301 |
| BZ | GASKET | BS-P-16546 | 0301 |
| CA | VALVE, ass'y | BS-383580 | 0301 |
| CB | FLOAT, ass'y | BS-P-61412 | 0301 |
| CC | SPRING | BS-P-13735 | 0301 |
| CD | PISTON | BS-P-17329 | 0301 |
| CE | VALVE | BS-P-13737 | 0301 |
| CF | SLEEVE | BS-P-13749 | 0301 |
| CG | LINK | BS-383409 | 0301 |
| CH | WASHER | BS-P-13961 | 0301 |
| CI | ARM | BS-383400 | 0301 |
| CJ | SCREW | BS-383414 | 0301 |
| CK | WASHER | BS-P-11250 | 0301 |
| CL | WASHER | BS-383420 | 0301 |
| CM | PACKING | BS-P-13905 | 0301 |
| CN | GASKET | BS-P-13775 | 0301 |
| CO | BLEED | BS-P-9201-70 | 0301 |
| CP | NOZZLE | BS-P-17137 | 0301 |
| CQ | COVER | BS-383405 | 0301 |
| CR | SEAL | BS-383417 | 0301 |
| CS | STEM, ass'y | BS-383397 | 0301 |
| CT | LEVER, ass'y | BS-383388 | 0301 |
| CU | WASHER | BS-901004 | 0301 |
| CV | SCREW | BS-383412 | 0301 |
| CW | SCREW | BS-383415 | 0301 |
| CX | GASKET | BS-383408 | 0301 |
| CY | SEAL | BS-383417 | 0301 |
| CZ | COVER | BS-383403 | 0301 |

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| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G163-0128017 | | A245904C<br>(BS-390082) | A245904 | BUSHING, carburetor throttle shaft (2nd oversize) | 2 | |
| | G104-1531730 | | B164178<br>D47582<br>(BS-395020)<br>(CWR-201982) | B164178<br>D47582 | CARBURETOR, assembly (Bendix-Stromberg BS-NA-R9D) (superseded by CARBURETOR, G163-0131450) (C1 only) | 1 | |
| | G163-0131450 | 01-1,03-1,2 | B264181<br>(CWR-202199)<br>(BS-380113) | B264181 | CARBURETOR, assembly (Bendix-Stromberg BS-NA-R9G) (this carburetor has built-in degasser) (supersedes CARBURETOR, G104-1531730) (C1 only) | 1 | |
| | G104-0100222 | | A246061<br>(CWR-201438) | A246061 | BOLT, carburetor and elbow brace to throttle box (hex-hd., alloy-S., cd-pltd., 3/8-24NF-2 x 1 3/4) | 4 | |
| | G104-0103340 | | A165118<br>(CWR-200170) | A165118 | WASHER, plain, carburetor to throttle box bolt (alloy-S., cd-pltd., 3/8) | 4 | |
| | 0840-NAR9G-380118 | | B264214<br>(BS-380118)<br>(CWR-202550) | B264214 | CARBURETOR, assembly (Bendix-Stromberg NA-R9G) (superseded by CARBURETOR 0840-380132-1) (C4 only) | 1 | |
| | 0840-380132-1 | 01-2 | D72452<br>(BS-380132-1)<br>(CWR-203585) | D72452 | CARBURETOR, engine, assembly (Bendix-Stromberg NAR9G) (supersedes CARBURETOR, 0840-NAR9G-380118) (C4 only) | 1 | |
| | G104-0100222 | | A246061<br>(CWR-201438)<br>(WR-47D15) | A246061 | BOLT, carburetor and elbow brace to throttle box (hex-hd., alloy-S., cd-pltd., 3/8-24NF-2 x 1 3/4) | 3 | |
| | G104-2124274 | | A247517<br>(CWR-201876) | A247517 | BOLT, carburetor and brace to throttle box (hex-hd., alloy-S., cd-pltd., 3/8-24NF-2 x 1 1/2) | 1 | |
| H-1 | H001-0722015 | | A165060<br>(CWR-200104) | A165060 | NUT, carburetor and brace to throttle box (slotted, chr-ni-S., cd-pltd., 3/8-24NF-3) | 1 | |
| H-1 | H001-0725660 | | 126005<br>(CWR-201439) | | NUT, safety, S., 3/8-24NF-3 (carburetor and brace to throttle box bolt) (BBSX4AC) | 3 | |
| H-1 | H101-0502204 | | (AIR-AN960-616) | | WASHER, plain, reg., carb-S., 3/8 (carburetor body to throttle box bolt) | 8 | |
| | G104-0103370 | | A165110<br>(CWR-200158) | A165110 | WASHER, plain, carburetor and brace to throttle box (alloy-S., cd-pltd., 3/8) | 8 | |
| | G104-1538148 | | A227773C<br>(CWR-202826) | A227773 | CLIP, carburetor degasser conduit (used on CARBURETOR, G163-0131450) (C1 only) | 1 | |
| H-1 | H001-0725640 | | 503338<br>(CWR-202792) | | NUT, safety, S., 1/4-28NF-3 (BBSX4AA) | 1 | |
| H-1 | H001-1013213 | | 215912<br>(CWR-202791) | | SCREW, cap, hex-hd., S., 1/4-28NF-2 x 3/4 (BCBX1AA) | 1 | |
| | G103-0103575 | 03-2 | A245818<br>(BS-P13898) | A245818 | CLIP, lock, carburetor float needle valve seat | 1 | |
| | G104-0102166 | 03-2 | A245757<br>(BS-P3199) | A245757 | SCREW, carburetor float needle valve seat lock clip | 1 | |
| | G104-0101114 | | (BS-P6668) | | WASHER, carburetor float needle valve seat lock clip (used on CARBURETOR, G104-1531730) (C1 only) | 1 | |
| H-1 | H001-1518005 | 03-2 | 106497<br>(BS-901004) | | WASHER, lock, carburetor float needle valve seat lock clip (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (also part of KIT, 0840-384012) (BECX1E) | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | (BS-P383352) | | CLIP, hose, carburetor fuel line (used on CARBURETOR, G104-1531730) .................... (C1 only) | 9 |
| | 2220-202825 | | B285055 (CWR-202825) | B285055 | CONDUIT, carburetor degasser, assembly (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) .................... | 1 |
| | G104-0100412 | | A245891 (BS-P60889) | A245891 | CONNECTOR, wire, carburetor primer (used on CARBURETOR, G104-1531730) .................... (C1 only) | 1 |
| | G163-0140087 | 03-2 | B264188 (BS-383405) | B264188 | COVER, dust, carburetor pump, lower (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) .................... | 1 |
| | G104-0100465 | | A245906 (BS-P390085) | A245906 | COVER, carburetor pump stem .................... (C1 only) | 1 |
| | G163-0140086 | 03-2 | B264187 (BS-383403) | B264187 | COVER, dust, carburetor pump, upper (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) .................... | 1 |
| | G163-0382017 | 03-2 | A303862 (BS-383413) | A303862 | SCREW, carburetor pump dust cover (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) .................... | 4 |
| | G163-0443042 | 03-2 | A304114 (BS-P24532) | A304114 | WASHER, carburetor pump dust cover screw (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) .................... | 4 |
| | G163-0149338 | 03-2 | B264192 (BS-383532) | B264192 | DEGASSER, carburetor, assembly (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) .................... | 1 |
| | G210-5303380 | 03-2 | A303380 (BS-383194) | A303380 | SCREW, carburetor degasser to throttle body (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) .................... | 3 |
| | G163-0443048 | 03-2 | 106497 (BS-901004) | | WASHER, lock, reg., S., No. 10 (carburetor degasser to throttle body screw) (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (BECX1E) .................... | 3 |
| | G104-6550177 | | D50177 (CWR-201463) | D50177 | ELBOW, carburetor (used with CARBURETOR, 0840-380132-1) ...... (C4 only) | 1 |
| | G104-0100550 | | B167547 (CWR-201428) | B167547 | ELBOW, carburetor, studding assembly (superseded by ELBOW, G104-0100562). | 1 |
| | G104-0100562 | 03-1 | C95333 (CWR-201464) | C95333 | ELBOW, carburetor, studding assembly (supersedes ELBOW, G104-0100550) .... | 1 |
| | 2220-203304 | | (CWR-203304) | | ELBOW, carburetor, studding assembly (used with CARBURETOR, 0840-380132-1) .................... | 1 |
| H-1 | H101-0225854 | | (AIR-AN-360-6) | | NUT, hex., plain, ⅜-24NF-3 (carburetor elbow to rear crankcase section stud) .................... | 4 |
| H-1 | H001-0721520 | | C74378E (AIR-AN355-6) (CWR-200844) | C74378 | NUT, slotted, hex., S., ⅜-24NF-3 (elbow to rear crankcase section stud) (superseded by NUT, G104-0101146) .................... | 4 |
| | G104-0101146 | | A229669 (CWR-201430) | A229669 | NUT, elbow to rear crankcase section stud (supersedes NUT, H001-0721520) .. | 4 |
| H-1 | H001-4057591 | | (AIR-AN-356-624) | | NUT, lock, S., ⅜-24NF (carburetor elbow to crankcase stud) .................... | 4 |
| | | 01-10 | A175194 (CWR-200219) | A175194 | STUD, elbow to rear crankcase section (long) (standard) (alloy-S., dld. f/lkg-wire., 7/16-14NC (27/32) x 2 5/16 x ⅜-24NF (11/16) .... (C1 only) | 2 |
| | G104-0102781 | | A175194B (CWR-200219-H) | A175194 | STUD, elbow to rear crankcase section (long) (.003 oversize) ...... (C1 only) | as req. |
| | G081-0177720 | | A175194C (CWR-200219-S) | A175194 | STUD, elbow to rear crankcase section (long) (.007 oversize) ...... (C1 only) | as req. |
| | 2220-200219J | | A175194D (CWR-200219-J) | A175194 | STUD, elbow to rear crankcase section (long) (.012 oversize) ...... (C1 only) | as req. |
| | 2220-200220 | 01-5,10 | A175195A (CWR-200220) | A175195 | STUD, elbow to rear crankcase section (short) (standard) (alloy-S., dld. f/lkg-wire., 7/16-14NC (27/32) x 1⅛ x ⅜-24NF (11/16) ....... (C1 only) | 2 |
| | G104-0103148 | | A175195B (CWR-200220-H) | A175195 | STUD, elbow to rear crankcase section (short) (.003 oversize) ..... (C1 only) | as req. |

*(Cont.)*

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| | 2220-200220S | | A175195C (CWR-200220-S) | A175195 | STUD, elbow to rear crankcase section (short) (.007 oversize).....(C1 only) | as req. | |
| | 2220-200220J | | A175195D (CWR-200220-J) | A175195 | STUD, elbow to rear crankcase section (short) (.012 oversize).....(C1 only) | as req. | |
| | G163-7006768 | 01-11 | (CWR-203331) | | STUD, elbow to rear crankcase section (long) (standard).........(C4 only) | 2 | |
| | 2220-203331-H | | (CWR-203331-H) | | STUD, elbow to rear crankcase section (long) (.003 oversize).....(C4 only) | as req. | |
| | | | (CWR-203331-S) | | STUD, elbow to rear crankcase section (long) (.007 oversize).....(C4 only) | as req. | |
| | | | (CWR-203331-J) | | STUD, elbow to rear crankcase section (long) (.012 oversize).....(C4 only) | as req. | |
| | G163-7006767 | 01-11 | (CWR-203330) | | STUD, elbow to rear crankcase section (short) (standard).........(C4 only) | 2 | |
| | 2220-203330H | | (CWR-203330-H) | | STUD, elbow to rear crankcase section (short) (.003 oversize).....(C4 only) | as req. | |
| | | | (CWR-203330-S) | | STUD, elbow to rear crankcase section (short) (.007 oversize).....(C4 only) | as req. | |
| | | | (CWR-203330-J) | | STUD, elbow to rear crankcase section (short) (.012 oversize).....(C4 only) | as req. | |
| | G104-0103340 | | A165118 (CWR-200158) | A165118 | WASHER, elbow to rear crankcase section stud.......... | 4 | |
| | G104-0100605 | 03-2 | B197577 (BS-P61412) | B197577 | FLOAT, carburetor, assembly.......... | 1 | |
| | G104-0100652 | | B154516 (CWR-200421) | B154516 | GASKET, carburetor air intake screen (also part of GASKET SET, G104-2333660) | 2 | |
| | G104-1593999 | 03-2 | A303334 (BS-382498) | A303334 | GASKET, carburetor degasser needle valve seat (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (also part of GASKET SET, G163-0260600).......... | 1 | |
| | G104-1593998 | 03-2 | A303293 (BS-383195) | A303293 | GASKET, carburetor degasser to body (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (also part of GASKET SET, G163-0260600).......... | 1 | |
| | G163-0194044 | | A304125 (BS-382512) | A304125 | GASKET, carburetor degasser plug (also part of GASKET SET, G163-0260600). | 1 | |
| | G103-0102385 | | A245755 (BS-P2886) | A245755 | GASKET, carburetor economizer seat (used on CARBURETOR, G104-1531730) (also part of GASKET SET, G104-2333660 and KIT, G158-0261038).(C1 only) | 1 | |
| | G104-0102382 | 03-2 | A303781 (BS-P16546) | A303781 | GASKET, carburetor economizer valve (1/32 in.) (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (also part of GASKET SET, G163-0260600).......... | 1 | |
| | G163-0194022 | | A304000 (BS-383621) | A304000 | GASKET, carburetor economizer valve (1/16 in.) (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (also part of GASKET SET, G163-0260600).......... | 1 | |
| | G163-0194024 | | A304002 (BS-383623) | A304002 | GASKET, carburetor economizer valve (1/64 in.) (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (also part of GASKET SET, G163-0260600).......... | 1 | |
| | G163-0194023 | | A304001 (BS-383622) | A304001 | GASKET, carburetor economizer valve (3/64 in.) (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (also part of GASKET SET, G163-0260600).......... | 1 | |
| | G104-0100653 | 03-1 | A246060 (CWR-201437) | A246060 | GASKET, carburetor elbow brace to throttle box and carburetor (also part of SETS, G104-2333660, G104-0100708, G104-5700230 and G163-7005773)........ | 2 | |
| | | | (CWR-200678) | | GASKET, carburetor elbow to rear crankcase section (superseded by GASKET, G104-0302405).......... | 1 | |

| | | | | | |
|---|---|---|---|---|---|
| G104-0302405 | 03-1 | A186952 (CWR-201450) | A186952 | GASKET, carburetor elbow to rear crankcase section (supersedes GASKET, CWR-200678) (also part of GASKET SETS, G104-2333660, G163-7005773, G104-0100708 and G104-5700230) | 1 |
| G104-0100672 | 03-2 | A245761 (BS-P5319) | A245761 | GASKET, carburetor float fulcrum screw and needle valve seat (1/32 in.) (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (also part of GASKET SETS, G104-2333660, G163-0260600 and KIT, G158-0261038) | 2 |
| G104-0100673 | | A245821 (BS-P14425) | A245821 | GASKET, carburetor float fulcrum screw and needle valve seat (1/64 in.) (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-381032-1) (also part of GASKET SETS, G104-2333660, G163-0260600 and KIT, G158-0261038) | 2 |
| G104-0100674 | | A245822 (BS-P14426) | A245822 | GASKET, carburetor float fulcrum screw and needle valve seat (3/64 in.) (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (also part of GASKET SETS, G104-2333660, G163-0260600 and KIT, G158-0261038) | 2 |
| G104-0100675 | | A245823 (BS-P14427) | A245823 | GASKET, carburetor needle valve seat (1/16 in.) (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (also part of GASKET SETS, G104-2333660, G163-0260600 and KIT, G158-0261038) | 1 |
| G104-0100687 | | A245864 (BS-P20196) | A245864 | GASKET, carburetor fuel inlet (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (also part of KIT, G158-0261038 and GASKET SETS, G104-2333660 and G163-0260600) | 1 |
| G137-0193805 | | (BS-P6558) | | GASKET, carburetor fuel strainer (used on CARBURETOR, G104-1531730) (also part of KIT, G158-0261038 and GASKET SET, G104-2333660) (C1 only) | 1 |
| G103-0102460 | 03-2 | A245911AA (BS-174-S-22) | A245911 | GASKET, carburetor fuel strainer (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (also part of GASKET SET, G163-0260600 and KIT, 0840-384012) | 1 |
| G104-0100646 | | A245854 (BS-P19056) | A245854 | GASKET, carburetor idle discharge jet (also part of GASKET SET, G163-0260600 and KIT, G158-0261038) | 1 |
| G104-0100652 | | (BS-P60421) | | GASKET, carburetor idle cut-off valve (used on CARBURETOR, G104-1531730) (also part of GASKET SET, G104-2333660 and KIT, G158-0261038) (C1 only) | 1 |
| G104-0100647 | | (BS-P6571) | | GASKET, carburetor idle tube (used on CARBURETOR, G104-1531730) (C1 only) | 1 |
| G104-0100688 | 03-2 | A245911D (BS-174-S4) | A245911 | GASKET, carburetor idle tube (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (also part of GASKET SETS, G163-0260600, G104-2333660 and KIT, G158-0261038) | 1 |
| | | (BS-P61411) | | GASKET, carburetor main body (used on CARBURETOR, G104-1531730) (C1 only) | 1 |
| G104-1593938 | - | (BS-390-285) | | GASKET, carburetor main body (used on CARBURETOR, G104-1531730) (also part of KIT, G158-0261038) (C1 only) | 1 |
| G163-0194020 | 03-2 | B264813 (BS-383407) | B264183 | GASKET, carburetor main body (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (also part of GASKET SET, G163-0260600) | 1 |
| G104-0100689 | 03-2 | A245840 (BS-P16790) | A245840 | GASKET, carburetor main discharge jet (also part of GASKET SETS, G104-2333660, G163-0260600 and KIT, G158-0261038) | 1 |
| G104-2688446 | 03-2 | A245758 (BS-P3779) | A245758 | GASKET, carburetor metering jet plug (also part of GASKET SETS, G163-0260600, G104-2333660 and KIT, G158-0261038) | 2 |
| G163-0194021 | 03-2 | A303867 (BS-383408) | A303867 | GASKET, carburetor pump dust cover, upper (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (also part of GASKET SET, G163-0260600) | 1 |
| G104-0100705 | 03-2 | A245813 (BS-P13775) | A245813 | GASKET, carburetor pump stem bushing (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (also part of GASKET SETS, G104-2333660, G163-0260600 and KIT, G158-0261038) | 2 |

# GROUP 03 — FUEL

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0100650 | 03-1 | A165262 (CWR-200355) | A165262 | GASKET, throttle box to elbow (also part of GASKET SETS, G104-2333660, G163-7005773 and G104-0100708) | 1 | |
| | G104-2333660 | | A294678 | A294678 | GASKET SET, carburetor (used on CARBURETOR, G104-1531730)..(C1 only) (Consists of: | 1 | |
| | G104-0100646 | | (BS-P195056) | | 1 GASKET, adjusting lever | | |
| | G104-0100652 | | B154516 (CWR-200421) | B154516 | 2 GASKET, air intake screen | | |
| | G104-0100653 | | A246060 (CWR-201437) | A246060 | 1 GASKET, elbow brace to throttle box | | |
| | G104-0302405 | | A186952 (CWR-201450) | A186952 | 1 GASKET, elbow to rear crankcase section | | |
| | G104-0102385 | | A245755 (BS-P2886) | A245755 | 1 GASKET, economizer seat | | |
| | G104-0100674 | | A245822 (BS-P14426) | A245822 | 2 GASKET, float fulcrum screw | | |
| | G104-0100672 | | A245761 (BS-P5319) | A245761 | 2 GASKET, fulcrum screw and float needle valve | | |
| | G104-0100673 | | A245821 (BS-P14425) | A245821 | 2 GASKET, float lever (1/64 thk.) | | |
| | G104-0100675 | | A245823 (BS-P14427) | A245823 | 1 GASKET, float lever (1/16 thk.) | | |
| | G104-0100687 | | A245864 (BS-P20196) | A245864 | 1 GASKET, fuel inlet | | |
| | G104-0100652 | | (BS-P60421) | | 1 GASKET, idle cut-off valve | | |
| | G104-0100688 | | A245911D (BS-P174-S-4) | A245911 | 1 GASKET, idle tube | | |
| | | | (BS-P61411) | | 1 GASKET, main body | | |
| | G104-0100689 | | A245840 (BS-P16790) | A245840 | 1 GASKET, main discharge jet | | |
| | G104-2688446 | | A245758 (BS-P3779) | A245758 | 2 GASKET, metering jet plug | | |
| | G104-0100705 | | A245813 (BS-P13775) | A245813 | 4 GASKET, pump stem bushing | | |
| | G137-0193805 | | (BS-P6558) | | 1 GASKET, strainer | | |
| | G104-0100065 | | A165262A (CWR-200355) | A165262 | 3 GASKET, throttle box to carburetor elbow | | |
| | G104-0104160 | | A245819 (BS-P13905) | A245819 | 1 PACKING, cork | | |
| | G104-1733745 | | A303728 (BS-P10918) | A303728 | 1 PACKING, economizer needle | | |
| | G104-0101387 | | (BS-P19011) | | 1 PACKING, idle cut-off valve | | |
| | G104-0101386 | | (BS-P61405) | | 1 PACKING, idle cut-off valve | | |
| | G104-0304465 | | A245908 (BS-390267) | A245908 | 1 PACKING, idle tube | | |

| | | | | | |
|---|---|---|---|---|---|
| G104-0101388 | | A245909 (BS-P392636) | A245909 | 1 PACKING, venturi | |
| G104-1733754 | | A303337 (BS-390293) | A303337 | 2 SEAL, throttle shaft) | |
| G163-0260600 | | A304123 (BS-383662) | A304123 | GASKET SET, carburetor (also part of KITS, G163-7000451 and 0840-384012).. (Consists of: | 1 |
| G104-0100688 | | A245911D (BS-174-S-4) | A245911 | 1 GASKET, idle tube | |
| G103-0102460 | | A245911AA (BS-174-S-22) | A245911 | 1 GASKET, fuel strainer | |
| G104-2688446 | | A245758 (BS-P3779) | A245758 | 2 GASKET, metering jet plug | |
| G104-0100672 | | A245761 (BS-P5319) | A245761 | 2 GASKET, float fulcrum screw and needle valve seat | |
| G104-0100705 | | A245813 (BS-P13775) | A245813 | 2 GASKET, pump stem bushing | |
| G104-0100673 | | A245821 (BS-P14425) | A245821 | 2 GASKET, float lever | |
| G104-0100674 | | A245822 (BS-P14426) | A245822 | 2 GASKET, float needle valve seat | |
| G104-0100675 | | A245823 (BS-P14427) | A245823 | 1 GASKET, float needle valve seat | |
| G104-0102382 | | A303761 (BS-16546) | A303761 | 1 GASKET, economizer valve | |
| G104-0100689 | | A245840 (BS-P16790) | A245840 | 1 GASKET, main discharge jet | |
| G104-0100646 | | A245854 (BS-P19056) | A245854 | 1 GASKET, idle discharge jet | |
| G104-0100687 | | A245864 (BS-P20196) | A245864 | 1 GASKET, fuel inlet | |
| G104-1593999 | | A303334 (BS-382498) | A303334 | 1 GASKET, degasser needle valve seat | |
| G163-0194044 | | A304125 (BS-382512) | A304125 | 1 GASKET, degasser plug | |
| G104-1593998 | | A303293 (BS-383195) | A303293 | 1 GASKET, degasser to body | |
| G163-0194020 | | B264183 (BS-383407) | B264183 | 1 GASKET, main body | |
| G163-0194021 | | A303867 (BS-383408) | A303867 | 1 GASKET, pump dust cover, upper | |
| G163-0194022 | | A304000 (BS-383621) | A304000 | 1 GASKET, economizer valve (1/16 in.) | |
| G163-0194023 | | A304001 (BS-383622) | A304001 | 1 GASKET, economizer valve (3/64 in.) | |
| G163-0194024 | | A304002 (BS-383623) | A304002 | 1 GASKET, economizer valve (1/64 in.) | |
| G104-0304465 | | A245908 (BS-390267) | A245908 | 1 PACKING, idle tube | |
| G104-0101388 | | A245909 (BS-392636) | A245909 | 1 PACKING, venturi | |

*(Cont.)*

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| | G104-2580225 | | A303864 (BS-383417) | A303864 | 2 SEAL, pump dust cover | | |
| | G104-1733754 | | A303337 (BS-390293) | A303337 | 2 SEAL, throttle shaft) | | |
| | G104-0100889 | | (BS-P60010) | | GUIDE, carburetor economizer needle valve (used on CARBURETOR, G104-1531730) . . . . (C1 only) | 1 | |
| | G163-0217653 | 03-2 | A303891 (BS-383421) | A303891 | HOLDER, carburetor idle, w/TUBE, assembly (idle tube feed hole No. 38) (idle tube cross hole 2-No. 40) (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) . . . . | 1 | |
| | G163-7005649 | 03-2 | 7005649 (BS-P20570) | | JET, idle, carburetor discharge (variable, A-70, B-66, C-60, D-54) . . . . | 1 | |
| | G104-0100985 | | A245873 (BS-P21234) | A245873 | JET, idle, carburetor discharge (variable A-70, B-66, C-60, D-54) . . . . | 1 | |
| | G104-2787276 | 03-2 | B264190 (BS-390188) | B264190 | JET, metering, carburetor economizer valve (variable No. 45) (also part of KITS, G163-7000451 and 0840-384012) . . . . | 1 | |
| | G104-0100987 | 03-2 | B197581 (BS-393044) | B197581 | JET, metering, carburetor main (variable No. 24) (also part of KITS, G163-7000451, G158-0261038 and 0840-384012) . . . . | 1 | |
| | G158-0261038 | | A294677 | A294677 | KIT, repair, carburetor (used on CARBURETOR, G104-1531730) . . . . . (C1 only) (Consists of: | 1 | |
| | G104-0100646 | | A245854 (BS-P19056) | A245854 | 1 GASKET, adjusting lever | | |
| | G103-0102385 | | A245755 (BS-P2886) | A245755 | 1 GASKET, economizer seat | | |
| | G104-0100674 | | A245822 (BS-P14426) | A245822 | 2 GASKET, float fulcrum screw | | |
| | G104-0100673 | | A245821 (BS-P14425) | A245821 | 2 GASKET, float lever | | |
| | G104-0100675 | | A245823 (BS-P14427) | A245823 | 1 GASKET, float lever | | |
| | G104-0100687 | | A245864 (BS-P20196) | A245864 | 1 GASKET, fuel inlet | | |
| | G104-0100672 | | A245761 (BS-P5319) | A245761 | 2 GASKET, fulcrum screw and float needle valve seat | | |
| | G104-0100652 | | (BS-P60421) | | 1 GASKET, idle cut-off valve | | |
| | G104-0100688 | | A245911D (BS-P174-S-4) | A245911 | 1 GASKET, idle tube | | |
| | G104-1593938 | | (BS-390285) | | 1 GASKET, main body | | |
| | G104-0100689 | | A245840 (BS-P16790) | A245840 | 1 GASKET, main discharge jet | | |
| | G104-2688446 | | A245758 (BS-P3779) | A245758 | 2 GASKET, metering jet plug | | |
| | G104-0100705 | | A245813 (BS-P13775) | A245813 | 4 GASKET, pump stem bushing | | |

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|---|---|---|---|---|---|
| | G137-0193805 | (BS-P6558) | | 1 GASKET, strainer | |
| | G104-0100987 | B197581 (BS-393044) | B197581 | 1 JET, metering, main (variable No. 25) | |
| | G104-0102307 | A245878 (BS-P21824) | A245878 | 1 NEEDLE, float valve and seat | |
| | G104-0101137 | A245845 (BS-P17141) | A245845 | 1 NOZZLE, main discharge (variable ⅜) | |
| | G104-0101138 | A245844 (BS-P17137) | A245844 | 2 NOZZLE, pump discharge (variable No. 50) | |
| | G103-0104160 | A245819 (BS-P13905) | A245819 | 1 PACKING, cork | |
| | G104-1733745 | A303728 (BS-P10918) | A303728 | 1 PACKING, economizer needle | |
| | G104-0101387 | (BS-P19011) | | 1 PACKING, idle cut-off valve needle | |
| | G104-0101386 | (BS-P61405) | | 1 PACKING, idle cut-off valve | |
| | G104-0304465 | A245908 (BS-390267) | A245908 | 1 PACKING, idle tube | |
| | G104-0101388 | A245909 (BS-392636) | A245909 | 4 PACKING, venturi | |
| | G104-1738568 | (BS-P7170) | | 1 PIN, cotter, pin stem | |
| H-1 | H001-0811025 | 103361 (BS-P6666) | | 3 PIN, cotter, throttle shaft (BFAX1BC) | |
| | G104-1733754 | A303337 (BS-390293) | A303337 | 2 SEAL, throttle shaft | |
| | G103-0105960 | A245796 (BS-P13680) | A245796 | 1 STRAINER, fuel | |
| | G104-0103238 | A245812 (BS-P13760) | A245812 | 1 TUBE, idle (No. 48) | |
| | G104-0100963 | (BS-P61410) | | 1 VALVE, idle cut-off | |
| | G104-0103254 | A245800 (BS-P13737) | A245800 | 1 VALVE, pump (No. 4-45)) | |
| | G163-7000451 | (BS-383663) | | KIT, repair, carburetor (used only on CARBURETOR, G163-0131450).(C1 only) (Consists of: | 1 |
| | G163-0260600 | A304123 (BS-383662) | A304123 | 1 GASKET SET, carburetor | |
| | G104-0100987 | B197581 (BS-393044) | B197581 | 1 JET, metering, carburetor main (variable No. 24) | |
| | G104-2787276 | B264190 (BS-390188) | B264190 | 1 JET, metering, carburetor economizer valve (variable No. 45) | |
| | G104-0101173 | A245888 (BS-P60244) | A245888 | 11 NUT, carburetor main body stud | |
| H-1 | H001-0811025 | 103361 (BS-P6666) | | 1 PIN, cotter, carburetor throttle shaft (BFAX1BC) | |
| | G104-0102235 | A245789 (BS-P12403) | A245789 | 2 SCREW, carburetor throttle valve | |
| | G163-0427350 | A303965 (BS-383597) | A303965 | 1 VALVE, needle, carburetor float | |
| | G104-0103265 | A245868 (BS-P20355) | A245868 | 2 WASHER, carburetor main body stud | |
| H-1 | H001-1517004 | 118869 (BS-901045) | | 2 WASHER, lock, throttle valve (BECX2D) | |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | 0840-384012 | | (BS-384012) | | KIT, repair, carburetor (used on CARBURETOR, 0840-NAR9G-380118). (C4 only) (Consists of: | 1 | |
| | G104-0101173 | | A245888 (BS-P60244) | A245888 | 15 NUT, carburetor main body stud | | |
| H-1 | H001-0811025 | | 103361 A245678 (BS-P6666) | A245678 | 5 PIN, throttle lever (BFAX1BC) | | |
| | G103-0104565 | | A245775 (BS-P9008) | A245775 | 1 PLUG, drain | | |
| | G104-0102235 | | A245789 (BS-P12403) | A245789 | 2 SCREW, carburetor throttle valve | | |
| | G104-0103265 | | A245868 (BS-P20355) | A245868 | 2 WASHER, main body stud | | |
| | G163-0260600 | | A304123 (BS-383662) | A304123 | 1 GASKET SET, carburetor | | |
| | G103-0427350 | | A303965 (BS-383597) | A303965 | 1 NEEDLE, carburetor float valve and seat | | |
| | G104-2787276 | | B264190 (BS-390188) | B264190 | 1 JET, carburetor economizer metering (No. 38) | | |
| | G104-0100987 | | B197581 (BS-393044) | B197581 | 1 JET, carburetor main metering (No. 25) | | |
| H-1 | H001-1517004 | | 118869 (BS-901045) | | 2 WASHER, lock, carburetor throttle valve screw (BECX2D) | | |
| | G103-0102460 | | A245911AA (BS-174-S-22) | A245911 | 1 GASKET, fuel strainer | | |
| H-1 | H001-1518005 | | 106497 (BS-901004) | | 1 WASHER, lock, carburetor float needle valve clip (BECX1E)) | | |
| | G103-0103558 | | A245780 (BS-P9291) | A245780 | LEVER, adjusting, carburetor idle, assembly | 1 | |
| | G104-0101398 | | A245762 (BS-P6243) | A245762 | PIN, carburetor idle adjusting lever | 1 | |
| | G104-0101036 | | A245805 (BS-P13746) | A245805 | LEVER, carburetor economizer valve and pump, assembly (used on CARBURETOR, G104-1531730) (C1 only) | 1 | |
| | G163-0274131 | 03-2 | A303866 (BS-383388) | A303866 | LEVER, carburetor pump, assembly (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) | 1 | |
| | G163-0381992 | 03-2 | A303861 (BS-383412) | A303861 | SCREW, clamp, carburetor pump lever (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) | 1 | |
| H-1 | H001-1518005 | 03-2 | 106497 (BS-901004) | | WASHER, lock, reg., S., No. 10 (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (BECX1E) | 1 | |
| | | | (BS-383390) | | LEVER, carburetor pump (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) | 1 | |
| | G104-0101038 | 03-2 | A304010 (BS-P13675) | A304010 | LEVER, throttle, carburetor | 1 | |

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|---|---|---|---|---|---|---|
| | G104-0101148 | 03-2 | A245764 (BS-P6581) | A245764 | NUT, carburetor throttle lever (castle, 5/16-24) | 1 |
| H-1 | H001-0811025 | 03-2 | 103361 A245678 (BS-P6666) | A245678 | PIN, cotter, split, S., 1/16 x ½ (BFAX1BC) (also part of KITS, G158-0261038, 0840-384012 and G163-7000451) | 1 |
| | G104-0101039 | | (BS-P19283) | | LINK, carburetor pump (used on CARBURETOR, G104-1531730) (C1 only) | 1 |
| | G163-0274285 | 03-2 | A303881 (BS-383409) | A303881 | LINK, carburetor pump (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) | 1 |
| | G104-0101125 | | A245792 (BS-P13531) | A245792 | NEEDLE, carburetor float valve and seat, assembly (used on CARBURETOR, G104-1531730) (superseded by NEEDLE, G104-0102307) (C1 only) | 1 |
| | G104-0102307 | | A245878 (BS-P21824) | A245878 | NEEDLE, carburetor float valve and seat, assembly (used on CARBURETOR, G104-1531730 (superseded by NEEDLE, 0840-383601) (also part of KIT, G158-0261038) (C1 only) | 1 |
| | 0840-383601 | | (BS-383601) | | NEEDLE, carburetor float valve and seat, assembly (used on CARBURETOR, G104-1531730) (supersedes NEEDLE, G104-0102307 and G104-0101125) (C1 only) | 1 |
| | G163-0427350 | | A303965 (BS-383597) | A303965 | NEEDLE, carburetor float, w/SEAT, assembly (also part of KIT, 0840-384012) | 1 |
| | G104-1704850 | | A245849 (BS-17430) | A245849 | NEEDLE, carburetor economizer valve, assembly (used on CARBURETOR, G104-1531730) (C1 only) | 1 |
| | G104-0101132 | | A245897 (BS-P61403) | A245897 | NEEDLE, carburetor idler cut-off valve (used on CARBURETOR, G104-1531730) (C1 only) | 1 |
| | G104-0101137 | | A245845 (BS-P17141) | A245845 | NOZZLE, carburetor main discharge (⅜) (used on CARBURETOR, G104-1531730) (also part of KIT, G158-0261038) (C1 only) | 1 |
| | G167-0311376 | 03-2 | A303879 (BS-383410) | A303879 | NOZZLE, carburetor main discharge (variable ⅜ in.) (used on CARBURETOR, G163-0131450 and 0840-NAR9G-380118) | 1 |
| | | | (BS-384070) | | NOZZLE, carburetor main discharge (⅜ in.) (used on CARBURETOR, 0840-380132-1) (C4 only) | 1 |
| | G104-0101138 | 03-2 | A245844 (BS-P17137) | A245844 | NOZZLE, carburetor pump discharge (variable No. 50) (also part of KIT, G158-0261038) | 1 |
| | G104-0101225 | | (BS-P16594) | | NUT, adjusting, carburetor economizer needle valve (used on CARBURETOR, G104-1531730) (C1 only) | 2 |
| | G104-0101145 | | A245855 (BS-P19057) | A245855 | NUT, carburetor idle discharge jet | 1 |
| | G104-0101363 | | (BS-P16598) | | NUT, carburetor throttle body (used on CARBURETOR, G104-1531730) (C1 only) | 1 |
| | G163-0314852 | 03-2 | A303884 (BS-383427) | A303884 | NUT, carburetor throttle stop block (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) | 1 |
| | G103-0103685 | | (BS-P13877) | | NUT, castle, carburetor pump stem bushing screw (used on CARBURETOR, G104-1531730) (C1 only) | 3 |
| H-1 | H001-4057531 | | 107821 (AIR-356-428) | | NUT, lock, S., ¼-28NF (governor stud) (BBSX6N) | 4 |
| | G104-0101174 | | (BS-P61406) | | NUT, packing, carburetor idle cut-off valve (used on CARBURETOR, G104-1531730) (C1 only) | 1 |
| | G104-1733745 | | A303728 (BS-P10918) | A303728 | PACKING, carburetor economizer needle valve (used on CARBURETOR, G104-1531730) (also part of GASKET SET, G104-2333660 and KIT, G158-0261038) (C1 only) | 1 |
| | G104-0101385 | | A245834 (BS-P16561) | A245834 | PACKING, carburetor economizer needle valve (used on CARBURETOR, G104-1531730) (C1 only) | 1 |
| | G104-0101387 | | (BS-P19011) | | PACKING, carburetor idle cut-off valve needle (used on CARBURETOR, G104-1531730) (also part of GASKET SET, G104-2333660 and KIT, G158-0261038) (C1 only) | 1 |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0101386 | | (BS-P61405) | | PACKING, carburetor idle cut-off valve seat (used on CARBURETOR, G104-1531730) (also part of GASKET SET, G104-2333660 and KIT, G158-0261038) . . . . (C1 only) | 1 | |
| | G104-0100646 | | A245854 (BS-P19056) | A245854 | PACKING, carburetor idle discharge jet . . . . | 1 | |
| | G104-0304465 | 03-2 | A245908 (BS-390267) | A245908 | PACKING, carburetor idle tube (also part of GASKET SETS, G163-0260600, G104-2333660 and KIT, G158-0261038) . . . . | 1 | |
| | G103-0104160 | 03-2 | A245819 (BS-P13905) | A245819 | PACKING, carburetor pump stem (cork) (also part of GASKET SET, G104-2333660 and KIT, G158-0261038) . . . . | 1 | |
| | G104-0101388 | 03-2 | A245909 (BS-392636) | A245909 | PACKING, carburetor venturi (also part of GASKET SETS, G163-0260600, G104-2333660 and KIT, G158-0261038) . . . . | 1 | |
| | G103-0104262 | | (CWR-200669) | | PAD, drain, carburetor air scoop (superseded by PAD, G104-5247534) . . . . | 1 | |
| | G104-5247534 | 03-1 | A247534 (CWR-202068) | A247534 | PAD, drain, carburetor air scoop (supersedes PAD, G103-0104262) (also part of GASKET SET, G104-0100686) . . . . | 1 | |
| | G104-0101397 | | A245776 (BS-P9152) | A245776 | PIN, carburetor float needle valve (used on CARBURETOR, G104-1531730) . . . . (C1 only) | 1 | |
| | G104-0101398 | | (BS-P6243) | | PIN, carburetor idle adjusting lever . . . . | 1 | |
| | G104-0101415 | | (BS-P6587) | | PIN, carburetor idle cut-off valve (used on CARBURETOR, G104-1531730) . . . . (C1 only) | 1 | |
| | G104-0101396 | | A245886 (BS-P60089) | A245886 | PIN, carburetor main body fuel inlet bushing . . . . | 2 | |
| | | | (BS-383392) | | PIN, carburetor pump stem fork bearing (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) . . . . | 1 | |
| | G104-1738568 | | (BS-P7170) | | PIN, cotter, carburetor pump stem (used on CARBURETOR, G104-1531730) (also part of KIT, G158-0261038) . . . . (C1 only) | 1 | |
| | G103-0104370 | | A245781 (BS-P9745) | A245781 | PIN, taper, carburetor accelerating pump (used on CARBURETOR, G104-1531730) . . . . (C1 only) | 1 | |
| | G103-0104370 | | A245781 (BS-P9745) | A245781 | PIN, taper, carburetor economizer valve and pump lever (used on CARBURETOR, G104-1531730) . . . . (C1 only) | 1 | |
| | G104-0101492 | 03-2 | A245837 (BS-P16597) | A245837 | PIN, taper, carburetor throttle stop block . . . . | 1 | |
| | G104-1738574 | | (BS-P14577-1) | | PIN, taper, carburetor throttle stop (1st oversize) (used only on CARBURETOR, G104-1531730) . . . . (C1 only) | 1 | |
| | G104-0101515 | 03-2 | A245848 (BS-P17329) | A245848 | PISTON, carburetor pump (used only on CARBURETOR, G104-1531730) . . . . (C1 only) | 1 | |
| | 0840-P22238 | | (BS-P22238) | | PISTON, carburetor pump, w/check VALVE, assembly . . . . | 1 | |
| | G104-0101557 | | (BS-390084) | | PLATE, retainer, carburetor pump stem cover (used only on CARBURETOR, G104-1531730) . . . . (C1 only) | 1 | |
| | G104-0102061 | | A245786 (BS-P11267) | A245786 | SCREW, carburetor pump stem cover retainer plate (used only on CARBURETOR, G104-1531730) . . . . (C1 only) | 3 | |
| | G104-0101556 | | (BS-P13876) | | PLATE, retaining, carburetor pump stem packing (used only on CARBURETOR, G104-1531730) . . . . (C1 only) | 1 | |
| | G104-0102168 | | (BS-P13875) | | SCREW, carburetor pump stem packing (used on CARBURETOR, G104-1531730) . . . . (C1 only) | 3 | |

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|---|---|---|---|---|---|---|
| | G163-0340216 | 03-2 | A303881 (BS-383411) | A303881 | PLATE, retainer, carburetor pump stem packing (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) | 1 |
| | G163-0381993 | 03-2 | A303886 (BS-383414) | A303886 | SCREW, carburetor pump stem packing retainer plate (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) | 3 |
| | G104-2443110 | 03-2 | A303885 (BS-383420) | A303885 | WASHER, retainer, carburetor pump stem packing retainer plate (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) | 1 |
| H-1 | H001-1522002 | 03-2 | 221418 (BS-P11250) | | WASHER, plain, br., SAE std., No. 4 (.112) (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (BEBX1BB) | 3 |
| | G104-0101562 | | (BS-390078) | | PLATE, specification, carburetor (used only on CARBURETOR, G104-1531730) (C1 only) | 1 |
| | G163-0340201 | 03-2 | A304115 (BS-P6521) | A304115 | PLATE, specification, carburetor (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) | 1 |
| | G104-0102163 | 03-2 | A245839 (BS-16630) | A245839 | SCREW, carburetor specification plate | 2 |
| | G081-0151400 | 03-1 | A246121 (CWR-201295) | A246121 | PLUG, pipe, carburetor air scoop core support hole (sq-hd., al-alloy., 1-11½NPT) | 2 |
| | G103-0104565 | 03-2 | A245775 (BS-P9008) | A245775 | PLUG, pipe, carburetor drain (¼ in.) (also part of KIT, 0840-384012) | 2 |
| H-6 | H006-0501502 | | (AIR-AN913-2) | | PLUG, carburetor elbow (used with CARBURETOR, 0840-380132-1) | 1 |
| | G104-0101669 | 03-2 | A245785 (BS-P10908) | A245785 | PLUG, carburetor economizer valve and main metering jet | 2 |
| | G104-1740500 | | (BS-393296) | | PLUG, pipe, carburetor fuel inlet | 1 |
| | | | (BS-393236) | | PLUG, carburetor fuel inlet (½) (used only on CARBURETOR, G104-1531730) (C1 only) | 1 |
| | G103-1740572 | | (BS-P9007) | | PLUG, carburetor fuel strainer | 1 |
| | G104-2983732 | 03-2 | A303350 (BS-P6387) | A303350 | PLUG, carburetor idle discharge, No. 10-32 | 1 |
| | G104-0101666 | 03-2 | A245820 (BS-P14378) | A245820 | PLUG, headless, carburetor main body (7/16-20) | 1 |
| | G104-0101665 | 03-2 | A245784 (BS-P10248) | A245784 | PLUG, headless screw, carburetor main body (⅜-24) | 1 |
| | G104-1740495 | | A232881 (BS-BK-13673) | A232881 | PLUG, taper seat, carburetor main body (used only on CARBURETOR, G104-1531730) (C1 only) | 1 |
| | G104-0101592 | 03-2 | A245860 (BS-P20165) | A245860 | PLUG, taper seat, carburetor main body (¼-28) | 3 |
| | G104-0101691 | 03-2 | A245772 (BS-P8505) | A245772 | PLUG, pipe, carburetor main body (¼) | 1 |
| | G104-0101716 | 03-2 | A245862 (BS-P20167) | A245862 | PLUG, taper seat, carburetor main body (⅜-24) | 1 |
| | G104-0101715 | 03-2 | A245870 (BS-P20399) | A245870 | PLUG, taper seat, carburetor main body (10-32) | 2 |
| | G104-0101667 | 03-2 | A245879 (BS-P22108) | A245879 | PLUG, taper seat, carburetor main body (½-20) | 2 |
| | G103-0303117 | 03-2 | A245773 (BS-P8508) | A245773 | PLUG, pipe, carburetor throttle body and main body (⅛) | 3 |
| | G104-0101589 | 03-2 | A245861 (BS-P20166) | A245861 | PLUG, taper seat, carburetor throttle body (5/16-24) | 1 |
| | G104-0101748 | 03-2 | A245798 (BS-P13733) | A245798 | QUADRANT, adjusting, carburetor idle | 1 |
| | G103-0105161 | 03-2 | A245770 (BS-P6869) | A245770 | SCREW, carburetor idle adjusting quadrant | 2 |

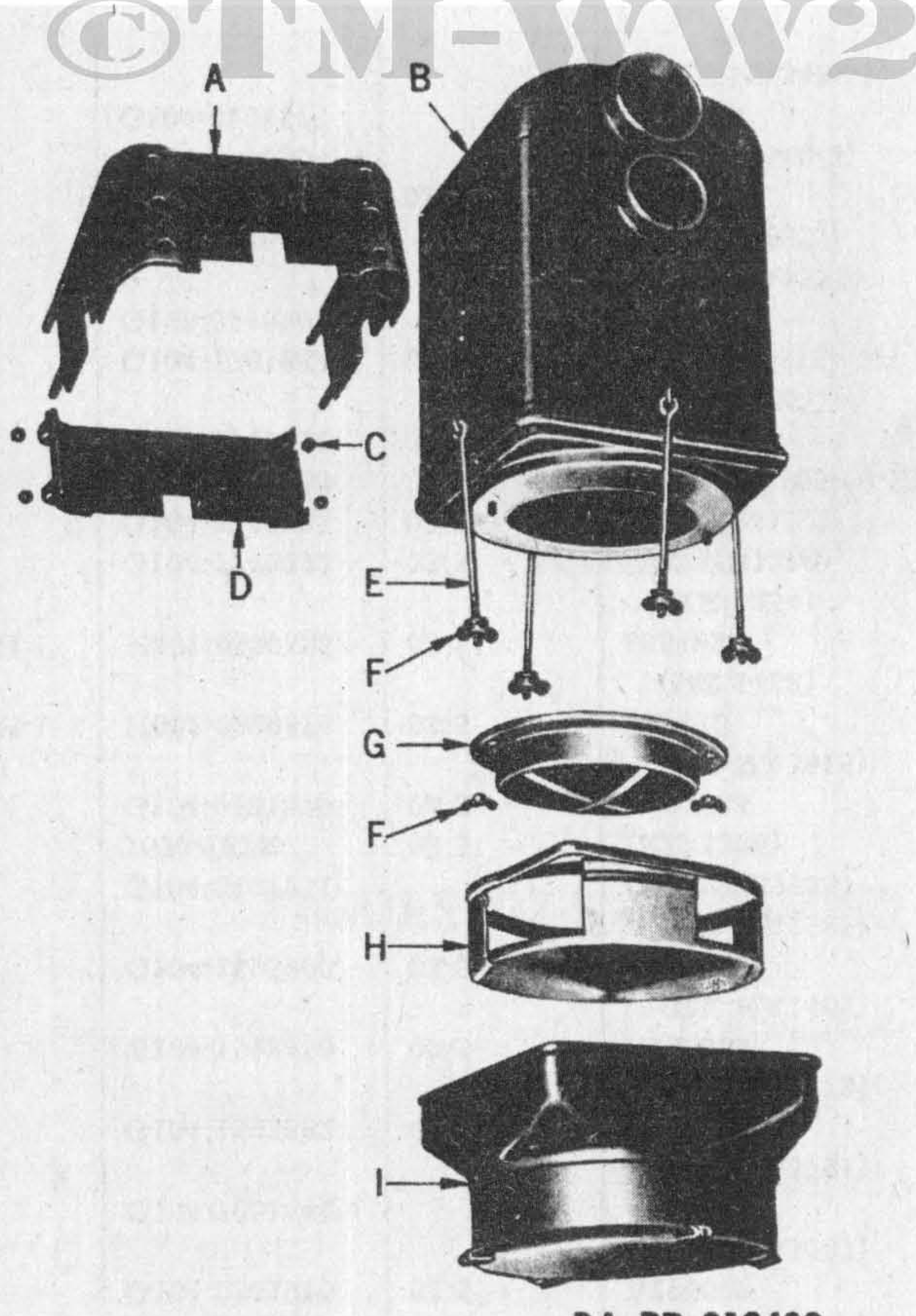
# GROUP 03 — FUEL

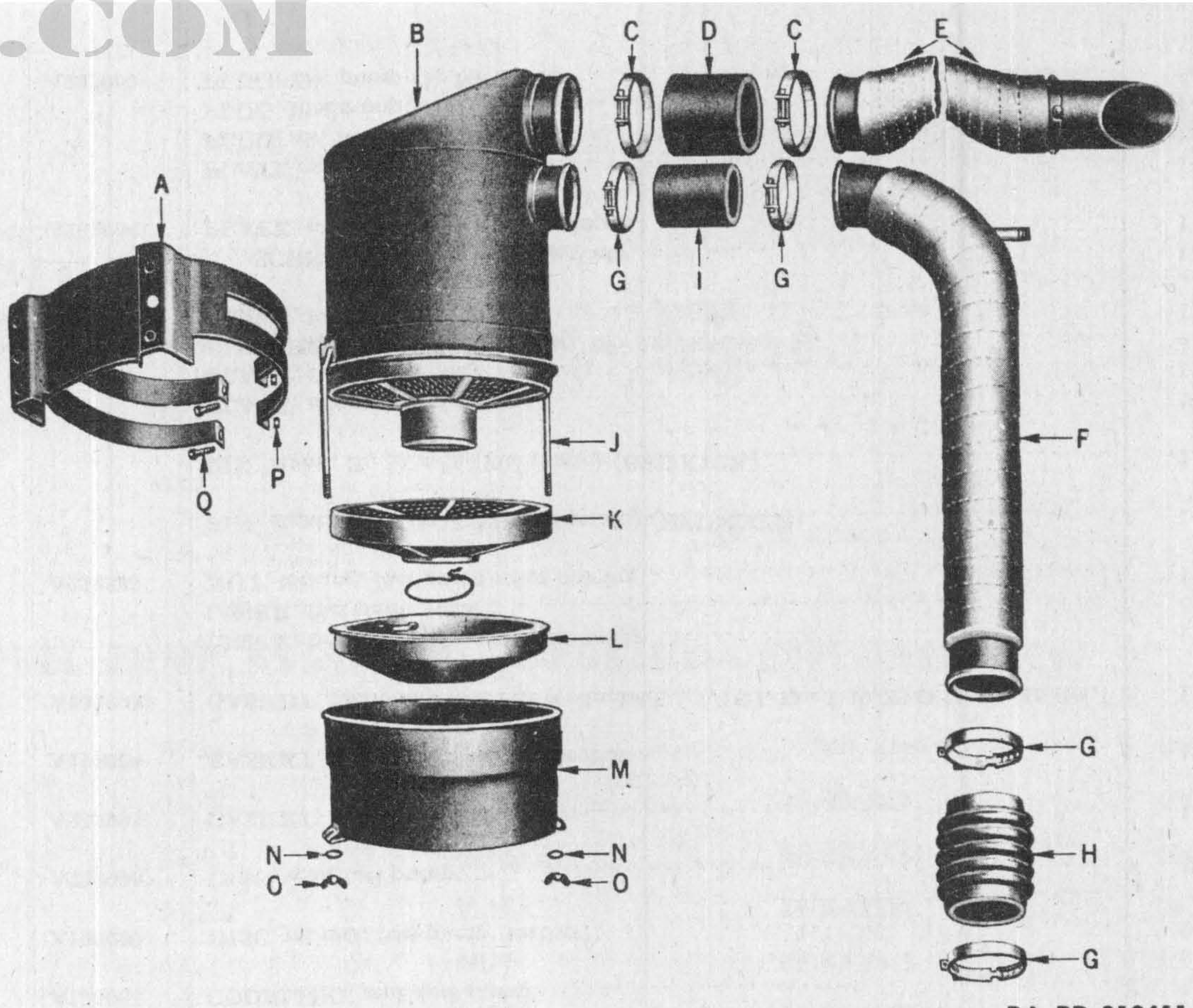


| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G103-0104885 | | A158028 (CWR-200668) (WR-110928) | A158028 | RETAINER, carburetor air scoop drain screen | 1 | |
| | G103-0104805 | 03-1 | A158030 (CWR-200704) | A158030 | RETAINER, carburetor air scoop drain pad (br., 1.118 O.D. x .025 thk.) | 1 | |
| | G104-7006928 | | (CWR-203212) | | ROD, control, governor, assembly (used with CARBURETOR, 0840-380132-1) | 1 | |
| | G104-5303958 | | (BS-383350) | | SACK, carburetor, assembly (used only on CARBURETOR, G104-1531730) (C1 only) | 1 | |
| | G104-0102025 | 01-1 | D50207 (CWR-200665) (WR-68789) | D50207 | SCOOP, air, carburetor (C1 only) | 1 | |
| | G104-0100200 | | A171098 (CWR-200144) | A171098 | SCREW, cap, carburetor to air scoop (hex-hd., alloy-S., cd-pltd., dld. f/lkg-wire., 5/16-18NC-2 x 1) (C1 only) | 4 | |
| | G104-0102030 | 01-2,03-1 | A175170 (CWR-200795) | A175170 | SCOOP, air, carburetor, assembly (Includes: PAD, RETAINER, SCREEN, SCREWS, SPRING and WASHERS) (C4 only) | 1 | |
| | G104-7002370 | | 7002370 (CWR-202595) | | SCREW, carburetor to air scoop (C4 only) | 4 | |
| H-1 | H101-0502205 | | A165110 (CWR-200172) | A165110 | WASHER, plain, carburetor to air scoop screw (alloy-S., cd-pltd., 5/16) | 4 | |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, carburetor to air scoop screw (chr-ni-S., .045 diam.) | as req. | |
| | G103-0105090 | | (CWR-200670) | | SCREEN, drain, carburetor air scoop (superseded by SCREEN, CWR-201348) (C1 only) | 1 | |
| | G103-0105090 | | A158029 (CWR-201348) | A158029 | SCREEN, drain, carburetor air scoop (supersedes SCREEN, CWR-200670) | 1 | |
| | G104-1781673 | 03-1 | (CWR-202304) | | SCREEN, carburetor air intake (C1 only) | 1 | |
| | G104-7006773 | | (CWR-203210) | | SCREEN, carburetor air intake, assembly | 1 | |
| | G104-0102232 | 03-2 | A245787 (BS-P11477) | A245787 | SCREW, adjusting, carburetor throttle stop, assembly | 1 | |
| | G104-0102165 | | (BS-P2924) | | SCREW, carburetor economizer and pump lever (used only on CARBURETOR, G104-1531730) (C1 only) | 1 | |
| | G104-0102241 | | (BS-P13658) | | SCREW, carburetor idle cut-off valve wire connector (used only on CARBURETOR, G104-1531730) (C1 only) | 1 | |
| | G104-0100606 | 03-2 | A245895 (BS-P61401) | A245895 | SCREW, fulcrum, carburetor float, assembly | 1 | |
| | G104-2382235 | 03-2 | A303868 (BS-383415) | A303868 | SCREW, set, carburetor pump lever | 1 | |
| | G104-0102225 | | A245836 (BS-P16596) | A245836 | SCREW, stop, carburetor throttle body (used only on CARBURETOR, G104-1531730) (C1 only) | 1 | |
| | G104-2580225 | 03-2 | A303864 (BS-383417) | A303864 | SEAL, carburetor pump dust cover (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) (also part of GASKET SET, G163-0260600) | 2 | |
| | G104-0304465 | | (BS-390267) | | SEAL, carburetor idle tube | 1 | |
| | | | (BS-393786) | | SEAL, carburetor pump stem | 1 | |

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|---|---|---|---|---|---|
| G104-1733754 | 03-2 | A303337 (BS-390293) | A303337 | SEAL, carburetor throttle shaft (also part of GASKET SETS, G104-2333660, G163-0260600 and KIT, G158-0261038) | 2 |
| G104-1783052 | | A245850 (BS-P17436) | A245850 | SEAT, carburetor economizer valve, size 34 (used only on CARBURETOR, G104-1531730) (C1 only) | 1 |
| G163-0382953 | | (BS-383395) | | SEAT, carburetor float needle valve, assembly | 1 |
| G104-0102309 | | (BS-P61404) | | SEAT, carburetor idle cut-off valve (used only on CARBURETOR, G104-1531730) (C1 only) | 1 |
| G104-0102307 | | A245878 (BS-P21824) | A245878 | SEAT, carburetor float needle valve, w/BUSHING, assembly (used only on CARBURETOR, G104-1531730) (C1 only) | 1 |
| G104-0102405 | | A245841 (BS-P17099) | A245841 | SHAFT, carburetor throttle valve (used only on CARBURETOR, G104-1531730) (C1 only) | 1 |
| G104-1784630 | | (BS-390294) | | SHAFT, carburetor throttle (used only on CARBURETOR, G104-1531730) (C1 only) | 2 |
| G163-0384606 | 03-2 | A264182 (BS-383418) | A264182 | SHAFT, carburetor throttle | 1 |
| | | (BS-384085) | | SHAFT, carburetor throttle, w/STOP, assembly | 1 |
| G104-0102525 | 03-2 | A245808 (BS-P13749) | A245808 | SLEEVE, carburetor pump, assembly | 1 |
| G103-0104885 | 03-1 | A158028 (CWR-200668) | A158028 | SPRING, retaining, carburetor air scoop (.063 diam. music wire) | 1 |
| G104-0102675 | | A245883 (BS-P60012) | A245883 | SPRING, carburetor economizer needle valve (used only on CARBURETOR, G104-1531730) (C1 only) | 1 |
| G104-0102674 | | (BS-P61407) | | SPRING, carburetor idle cut-off valve (used only on CARBURETOR, G104-1531730) (C1 only) | 1 |
| G104-0201501 | 03-2 | A245799 (BS-P13735) | A245799 | SPRING, carburetor pump piston | 1 |
| G104-0102777 | | A245857 (BS-P19276) | A245857 | STEM, carburetor pump, assembly (used only on CARBURETOR, G104-1531730) (C1 only) | 1 |
| G163-0391950 | 03-2 | A303890 (BS-383397) | A303890 | STEM, carburetor pump, w/FORK, assembly (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) | 1 |
| G163-7005768 | | (BS-P11250) | | WASHER, carburetor pump stem screw | 3 |
| | | (BS-384080) | | WASHER, lock, carburetor pump stem screw | 1 |
| G103-1791900 | 03-2 | A245867 (BS-P20346) | A245867 | STOP, carburetor throttle, assembly (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) | 1 |
| G163-0338588 | 03-2 | A304009B (BS-P19086-1) | A304009 | PIN, taper, carburetor throttle stop (1st oversize) | 1 |
| G103-0105960 | 03-2 | A245796 (BS-P13680) | A245796 | STRAINER, fuel, carburetor, w/PLUG, assembly (also part of KIT, G158-0261038) | 1 |
| | | (BS-61217) | | STRAINER, carburetor fuel, assembly | 1 |
| G104-0103238 | | A245812 (BS-P13760) | A245812 | TUBE, idle, carburetor, assembly (No. 48) (used only on CARBURETOR, G104-1531730) (also part of KIT, G158-0261038) (C1 only) | 1 |
| G104-0103254 | 03-2 | A245800 (BS-P13737) | A245800 | VALVE, carburetor accelerator pump (variable No. 4-45) (also part of KIT, G158-0261038) | 1 |
| G163-0427301 | 03-2 | A303941 (BS-383580) | A303941 | VALVE, carburetor economizer, assembly (C1 only) | 1 |
| 0840-384011 | | (BS-384011) | | VALVE, carburetor economizer, assembly (used on CARBURETOR, G163-0131450 and 0840-NAR9G-380118) | 1 |
| | | (BS-384069) | | VALVE, carburetor economizer, assembly (used on CARBURETOR, 0840-380132-1) (C4 only) | 1 |
| G104-0101125 | | (BS-P13531) | | VALVE, needle, carburetor float (used only on CARBURETOR, G104-1531730) (C1 only) | 1 |

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|---|---|---|---|---|---|---|---|
| | G163-0427350 | 03-2 | A303965 (BS-383597) | A303965 | VALVE, needle, carburetor float, w/SEAT, assembly (also part of KIT, G163-7000451) ........ (C1 only) | 1 | |
| | G104-0100963 | | (BS-P61410) | | VALVE, carburetor idle cut-off, assembly (used only on CARBURETOR, G104-1531730) (also part of KIT, G158-0261038) ........ (C1 only) | 1 | |
| | G104-1783077 | 03-2 | A303338 (BS-383199) | A303338 | VALVE, needle, carburetor degasser, w/SEAT, assembly (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) ........ | 1 | |
| | G104-0101125 | | (BS-P13531) | | VALVE, needle, carburetor float ........ | 1 | |
| | G104-1827115 | | (BS-P21255) | | VALVE, throttle, carburetor (used on CARBURETOR, G104-1531730) .. (C1 only) | 1 | |
| | G104-0101115 | | (BS-P12167) | | WASHER, lock, carburetor throttle valve screw (used only on CARBURETOR, G104-1531730) ........ (C1 only) | 2 | |
| | G163-042725[illegible] | 03-2 | A303882 (BS-383419) | A303882 | VALVE, throttle, carburetor (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) ........ | 1 | |
| | G104-0102235 | 03-2 | A245789 (BS-P12403) | A245789 | SCREW, carburetor throttle valve (also part of KITS, G163-7000451 and 0840-384012) ........ | 2 | |
| H-1 | H001-1517004 | 03-2 | 118869 (BS-901045) | | WASHER, lock, lgt., S., No. 8 (carburetor throttle valve screw) (BECX2D) (also part of KITS, G163-7000451 and 0840-384012) ........ | 2 | |
| | G104-0103257 | | C95282 (BS-P61414) | C95282 | VENTURI, carburetor (2⅝) (used only on CARBURETOR, G104-1531730) ........ (C1 only) | 1 | |
| | G163-0429725 | 03-2 | A303865 (BS-383424) | A303865 | VENTURI, carburetor (variable, 2⅝ in.) (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) ........ | 1 | |
| | G104-0102245 | 03-2 | A245894 (BS-P61400) | A245894 | SCREW, set, carburetor venturi ........ | 1 | |
| | G163-0443025 | 03-2 | A304008 (BS-P16708) | A304008 | WASHER, lock, carburetor venturi set screw ........ | 1 | |
| | G104-0103471 | | (BS-P13740) | | WASHER, carburetor idler cut-off valve (used only on CARBURETOR, G104-1531730) ........ (C1 only) | 1 | |
| H-1 | H001-1518005 | | 106497 (BS-P4627) | | WASHER, lock, reg., S., No. 10 (carburetor economizer and pump lever screw) (used only on CARBURETOR, G104-1531730) (BECX1E) ........ (C1 only) | 1 | |
| | G104-0103263 | | A245884 (BS-P60021) | A245884 | WASHER, lock, carburetor pump stem link (used only on CARBURETOR, G104-1531730) ........ (C1 only) | 1 | |
| | G104-0103422 | | A245883 (BS-P16560) | A245883 | WASHER, packing, carburetor economizer needle (used only on CARBURETOR, G104-1531730) ........ (C1 only) | 1 | |
| | G103-0106970 | | A245814 (BS-P13873) | A245814 | WASHER, retaining, carburetor pump stem packing (used only on CARBURETOR, G104-1531730) ........ (C1 only) | 1 | |
| | G104-0103381 | | (BS-P6592) | | WASHER, carburetor venturi set screw (used on CARBURETOR, G104-1531730) ........ (C1 only) | 1 | |
| H-1 | H101-0502205 | | (AIR-AN960-516) | | WASHER, scoop and air screen to carburetor screw ........ | 4 | |
| | | | (BS-384014) | | WASHER, carburetor pump link ........ | 1 | |
| | | | (BS-383394) | | WASHER, carburetor pump stem fork bearing (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) ........ | 1 | |
| | | | (BS-383393) | | WASHER, carburetor pump stem fork bearing (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) ........ | 2 | |
| | G038-0179660 | 03-2 | A303764 (BS-P13961) | A303764 | WASHER, lock, carburetor economizer valve contact arm (used on CARBURETOR, G163-0131450, 0840-NAR9G-380118 and 0840-380132-1) ........ | 1 | |




## FIGURE 03-3 — VORTOX AIR CLEANER ASSEMBLY, C107388 — EXPLODED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BAND | VR-7451 | 0304 |
| B | BODY, ass'y | VR-7054 | 0304 |
| C | NUT | VR-7093 | 0304 |
| D | BAND | VR-7452 | 0304 |
| E | ROD | VR-6951 | 0304 |
| F | NUT | VR-675 | 0304 |
| G | PREFILTER | VR-6939 | 0304 |
| H | DISC | VR-6442 | 0304 |
| I | CUP | VR-7046 | 0304 |

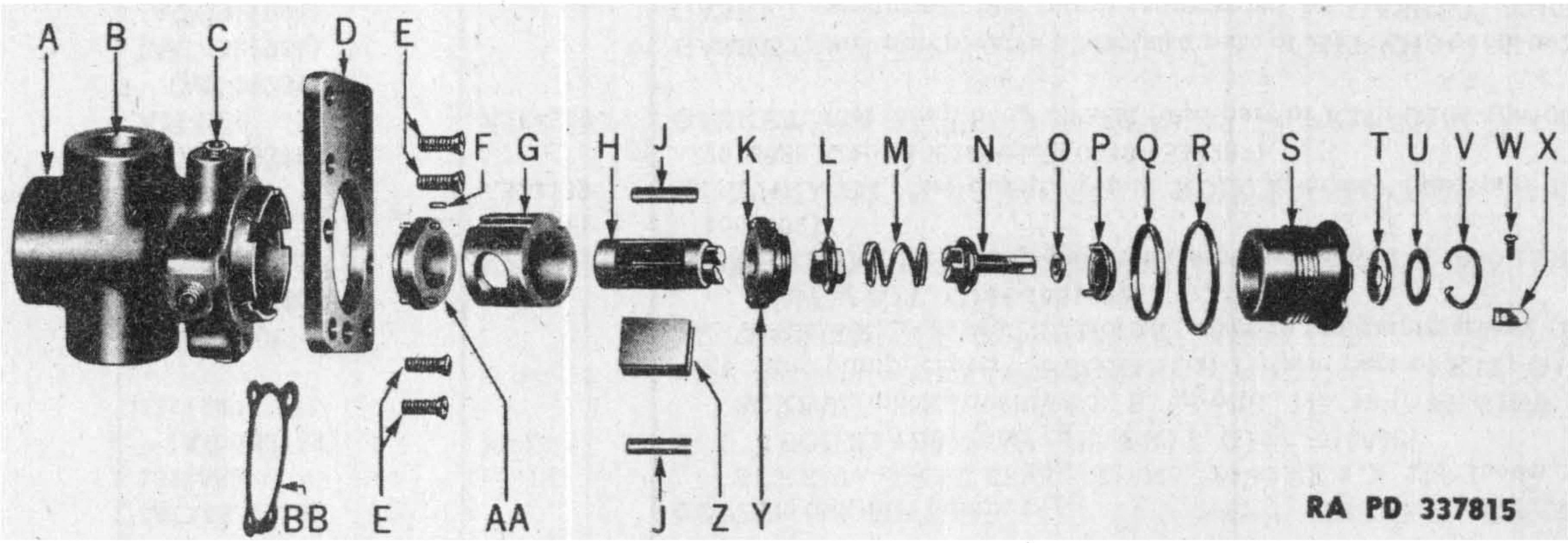
RA PD 318409C

## FIGURE 03-4 — DONALDSON AIR CLEANER ASSEMBLY C95283 AND AIR INTAKE TUBES — EXPLODED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BRACKETT | C95273 | 0304 |
| B | BODY | C107388 | 0304 |
| C | CLAMP | CWR-201883 | 0304 |
| D | HOSE | CWR-201882 | 0304 |
| E | TUBE | CWR-201843 | 0304 |
| F | TUBE | CWR-201844 | 0304 |
| G | CLAMP | CWR-202515 | 0304 |
| H | HOSE | CWR-201403 | 0304 |
| I | HOSE | CWR-200275 | 0304 |
| J | BOLT (furnished only as part of CLEANER, C95283) | | 0304 |
| K | FILTER (furnished only as part of CLEANER, C95283) | | 0304 |
| L | BAFFLE (furnished only as part of CLEANER, C95283) | | 0304 |
| M | COVER (furnished only as part of CLEANER, C95283) | | 0304 |
| N | WASHER | 103341 | 0304 |
| O | NUT | 503456 | 0304 |
| P | NUT | 503344 | 0304 |
| Q | BOLT | 224383 | 0304 |

RA PD 318411C

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | **0302.1—ROMEC FUEL PUMP** | | |
| | | 03-5 | (RE-1227) | | BEARING, bz., 1.328 O.D. tapped, ⅜-24NF-2 (fuel pump rotor, inner) | 1 | |
| | | 03-5 | (RE-2591) | | BEARING, bz., 1.328 O.D. x 19/32 bore, 15/16-20 NS thread end (fuel pump rotor, outer) | 1 | |
| | G104-1522300 | 03-5 | B197029<br>(RE-RB594) | B197029 | BLADE, fuel pump rotor | 1 | |
| | G104-1524100 | 03-5 | C92049<br>(RE-RD3351) | C92049 | BODY, fuel pump rotor | 1 | |
| | G104-0100443 | 03-5 | A232955<br>(RE-RA3834) | A232955 | COUPLING, seal, engine to fuel pump | 1 | |
| | G104-0100444 | 03-5 | A196005<br>(RE-RA1696) | A196005 | COUPLING, seal, fuel pump | 1 | |
| | G104-0301976 | 03-5 | A196000<br>(RE-RA3707) | A196000 | DISC, oil seal, fuel pump (leather) | 1 | |
| | G104-7001442 | | A232996<br>(RE-RA3791) | A232996 | DISC, seal, fuel pump | 1 | |
| | G104-1593882 | 03-5 | A232991<br>(RE-RA2278) | A232991 | GASKET, fuel pump body plate | 1 | |
| | G104-1593850 | 03-5 | A196004<br>(RE-RA1461) | A196004 | GASKET, fuel pump, lock nut section | 1 | |
| | G104-1593900 | 03-5 | A232993<br>(RE-RA2581) | A232993 | GASKET, fuel pump lock nut (vellumoid, 1 7/16 I. D.x 1 19/32 O.D. x 1/16 thk.) | 1 | |
| | G104-0101731 | | (RE-SRB2635) | | LINER, bearings and dowels, assembly | 1 | |
| | 7620-1226 | 03-5 | (RE-1226) | | LINER, fuel pump rotor | 1 | |
| | G104-0101073 | 03-5 | A232383<br>(RE-RA3815) | A232383 | NUT, locking, fuel pump rotor bearing | 1 | |
| H-1 | H001-0829574 | 03-5 | 505481<br>(RE-1458) | | PIN, stght., S., ⅛ x 11/32 (fuel pump) (BFDX2CE) | 1 | |
| H-1 | H001-0829583 | 03-5 | 505485<br>(RE-1234) | | PIN, stght., S., ⅛ x ⅝ (fuel pump) (BFDX1CK) | 1 | |
| | G104-1740222 | 03-5 | (RE-RB1229) | | PLATE, adapter, fuel pump | 1 | |
| | G104-2340192 | 03-5 | (RE-RB4127) | | PLATE, fuel pump body | 1 | |
| | G104-1781868 | 03-5 | (AIR-AN-505-10-10) | | SCREW, machine, fl-hd., br., No. 10-24NC-2 x ⅝ | 4 | |
| | G104-1740221 | 03-5 | A232992<br>(RE-1460) | A232992 | PLATE, locking, fuel pump | 1 | |
| | G104-1781883 | 03-5 | (AIR-AN-515-4-4) | | SCREW, fuel pump locking plate | 1 | |
| | G128-0340201 | | A232994<br>(RE-RA3333) | A232994 | PLATE, name and serial, fuel pump | 1 | |
| | G104-1740200 | | (RE-RA3835) | | PLATE, seal, fuel pump | 1 | |
| | | 03-5 | (RE-100) | | PLUG, air, fuel pump body | 1 | |
| | G104-1740504 | | (RE-RA2540-3) | | PLUG, fuel pump | 1 | |
| | G104-0101573 | | A232969<br>(RE-RA3485-1) | A232969 | PLUG, fuel pump (⅛ NPT) | 4 | |

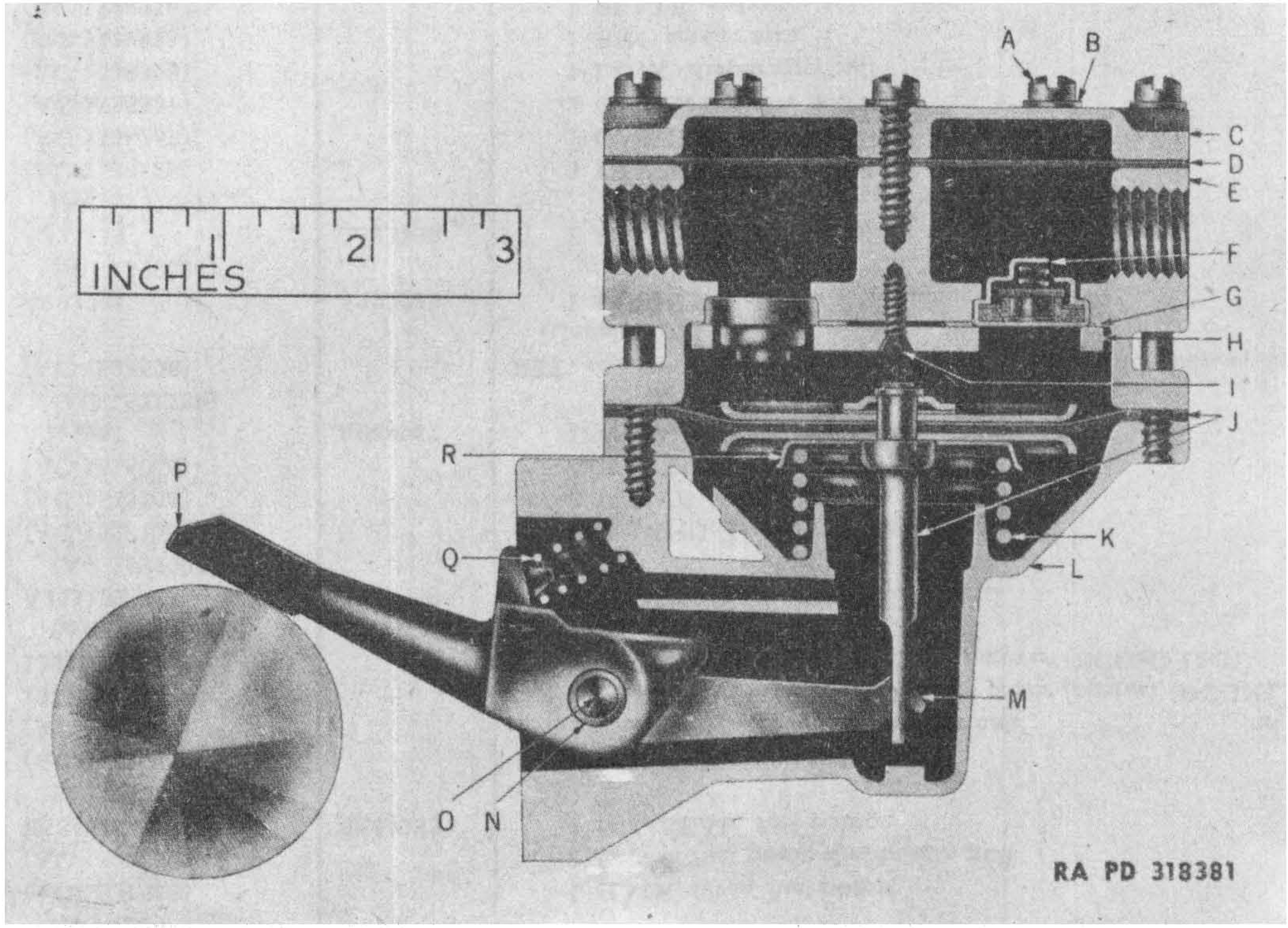



# FIGURE 03-5 — ROMEC FUEL PUMP ASSEMBLY, RE-RD3350 — EXPLODED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BODY | RE-RD3351 | 0302.1 |
| B | PLUG | RE-RB1329 | 0302.1 |
| C | PLUG | RE-100 | 0302.1 |
| D | PLATE | RE-RB4127 | 0302.1 |
| E | SCREW | AIR-AN-505-10-10 | 0302.1 |
| F | PIN | RE-1234 | 0302.1 |
| G | LINER | RE-1226 | 0302.1 |
| H | ROTOR | RE-RB-1691 | 0302.1 |
| J | ROCKER | RE-RB735 | 0302.1 |
| K | PIN | RE-1458 | 0302.1 |
| L | COUPLING | RE-RA3834 | 0302.1 |
| M | SPRING | RE-RA2664 | 0302.1 |
| N | COUPLING | RE-RA1696 | 0302.1 |
| O | RING | RE-RA3791 | 0302.1 |
| P | PLATE | RE-RB1229 | 0302.1 |
| Q | GASKET | RE-RA-1461 | 0302.1 |
| R | GASKET | RE-RA2581 | 0302.1 |
| S | NUT | RE-RA3815 | 0302.1 |
| T | DISC | RE-RA3707 | 0302.1 |
| U | RETAINER | RE-RA3708 | 0302.1 |
| V | RING | RE-RA3709 | 0302.1 |
| W | SCREW | AIR-AN-515-4-4 | 0302.1 |
| X | PLATE | RE-1460 | 0302.1 |
| Y | BEARING | RE-2591 | 0302.1 |
| Z | BLADE | RE-RB594 | 0302.1 |
| AA | BEARING | RE-1227 | 0302.1 |
| BB | GASKET | RE-RA2278 | 0302.1 |

RA PD 337815C

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1740496 | 03-5 | (RE-RB1329) | | PLUG, fuel pump body (½ NPT) | 2 | |
| | G104-0101732 | 03-5 | C68776G (RE-RD3350) (CWR-201423) | C68776 | PUMP, fuel, assembly (superseded by AC PUMP, 0040-1538753) | 1 | |
| | G104-0101749 | 03-5 | A232989 (RE-RA3708) | A232989 | RETAINER, fuel pump oil seal disc (.796 x .531 x .020) | 1 | |
| | G104-0303855 | 03-5 | A232988 (RE-RA3709) | A232988 | RING, locking, fuel pump oil seal disc | 1 | |
| | G104-7001442 | 03-5 | A232996 (RE-RA3791) | A232996 | RING, oil seal, fuel pump | 1 | |
| | G104-1773244 | 03-5 | B197028 (RE-RB735) | B197028 | ROCKER, fuel pump rotor | 2 | |
| | G104-1773607 | | B197030 (RE-RB1691) | B197030 | ROTOR, fuel pump | 1 | |
| H-1 | H001-1023134 | | 113989 (RE-RA3862) | | SCREW, mach., fl-hd., S., ¼-20NC-2 x ⅝ (engine fuel supply pump adapter plate) (BCKX2CF) | 4 | |
| | G104-1781878 | | (AIR-AN-535-00-2) | | SCREW, drive, metallic, No. 00 x ⅛ (fuel pump drive) | 4 | |
| | G104-1789689 | 03-5 | A232997 (RE-RA2664) | A232997 | SPRING, sealing, fuel pump coupling | 1 | |
| | | | | | **0302.2—AC FUEL PUMP** | | |
| | G104-1510322 | 03-6 | (AC-1537933) | | ARM, rocker, fuel pump (superseded by ARM, G104-7059669) | 1 | |
| | G104-7059669 | | (AC-1538815) | | ARM, rocker, fuel pump (supersedes ARM, G104-1510322) | 1 | |
| | G163-0124171 | 03-6 | (AC-1538237) | | BODY, fuel pump, w/OIL SEAL, assembly | 1 | |
| | G103-1527767 | | A292983 (AC-1522024) | A292983 | BUSHING, fuel pump rocker arm (also part of KIT, G104-7010688) | 1 | |
| | G163-0140089 | 03-6 | (AC-1537928) | | COVER, top, fuel pump | 1 | |
| H-1 | H001-0132158 | | 132158 (AC-132158) | | SCREW, mach., fil-hd., S., No. 10-32NF-2 x 2¼ (cover to fuel pump) (BCGX1.1BS) (also part of KIT, G104-7010688) | 10 | |
| H-1 | H001-5127371 | 03-6 | 132124 | | SCREW, mach., oval-fil-hd., S., cd-pltd., No. 10 (.190)-32NF-2 x ¾ (cover to fuel pump, center) (BCGX1.1GH-1) (also part of KIT, G104-1661002) | 1 | |
| H-1 | H001-1518005 | 03-6 | 106497 (AC-1515066) | | WASHER, lock, reg., S., No. 10 (cover to fuel pump screw) (BECX1E) (also part of KIT, G104-1661002) | 11 | |
| | G104-1551621 | 03-6 | (AC-1537932) | | DIAPHRAGM, fuel pump pulsator (also part of KITS, 0040-1538287 and G104-1661002) | 3 | |
| | G148-0151600 | 03-6 | A323139 (AC-1537097) | A323139 | DIAPHRAGM, fuel pump, w/pull ROD, assembly (also part of KITS, G104-7010688, G104-1661002 and 0040-1538287) | 1 | |
| | G067-1500610 | | A214739 (AC-1523120) | A214739 | GASKET, fuel pump body oil seal (also part of KIT, G104-1661002) | 1 | |
| | G104-1594007 | 03-6 | (AC-1537931) | | GASKET, fuel pump valve plate (also part of KIT, G104-1661002) | 1 | |
| | G103-1593607 | | (AC-1411094) | | GASKET, mounting, fuel pump (superseded by GASKET, 0040-1538769) (also part of KITS, G104-1661002 and G104-5700230) | 1 | |
| | 0040-1538769 | 01-34 | (AC-1538769) | | GASKET, mounting, fuel pump (supersedes GASKET, G103-1593607) (also part of KIT, G104-7010688) | 1 | |




# FIGURE 03-6 — AC FUEL PUMP, AC-1538299 — CROSS SECTIONAL VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SCREW | 132124 | 0302.2 |
| B | WASHER | AC-1515066 | 0302.2 |
| C | PLATE | AC-1537929 | 0302.2 |
| D | DIAPHRAGM | AC-1537932 | 0302.2 |
| E | COVER | AC-1537928 | 0302.2 |
| F | VALVE, ass'y | AC-1523106 | 0302.2 |
| G | GASKET | AC-1537931 | 0302.2 |
| H | PLATE | AC-1537930 | 0302.2 |
| I | SCREW | 133634 | 0302.2 |
| J | DIAPHRAGM, ass'y | AC-1537097 | 0302.2 |
| K | SPRING | AC-1537096 | 0302.2 |
| L | BODY, ass'y | AC-1538237 | 0302.2 |
| M | LINK | AC-1522077 | 0302.2 |
| N | WASHER | AC-1521288 | 0302.2 |
| O | PIN | AC-1522023 | 0302.2 |
| P | ARM | AC-1537933 | 0302.2 |
| Q | SPRING | AC-1523118 | 0302.2 |
| R | RETAINER | AC-1523259 | 0302.2 |

RA PD 318381C

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G163-7005643 | | (AC-1531553) | | HAIR, filter, fuel pump (2 oz. pkg.) (also part of KIT, G104-1661002) .......... | 1 pkg. | |
| | G104-1661002 | | (AC-1538048) | | KIT, repair, fuel pump (superseded by KIT, G104-7010688) .................. | 1 | |
| | | | | | (Consists of: | | |
| | G104-1510322 | | (AC-1537933) | | 1 ARM, rocker, fuel pump | | |
| | G103-1527767 | | A292983 (AC-1522024) | A292983 | 1 BUSHING, fuel pump rocker arm | | |
| | G148-0151600 | | A323139 (AC-1537097) | A323139 | 1 DIAPHRAGM, fuel pump | | |
| | G104-1551621 | | (AC-1537932) | | 3 DIAPHRAGM, fuel pump pulsator | | |
| | G104-1594007 | | (AC-1537931) | | 1 GASKET, fuel pump valve plate | | |
| | G103-1593607 | | (AC-1411094) | | 1 GASKET, mounting, fuel pump | | |
| | G067-1500610 | | A214739 (AC-1523120) | A214739 | 1 GASKET, oil seal | | |
| | G163-7005643 | | (AC-1531553) | | 1 HAIR, filter, fuel pump | | |
| | G103-1676407 | | (AC-1522077) | | 1 LINK, fuel pump diaphragm pull | | |
| H-13 | H013-0500001 | | B184238 (AC-1523122) | B184238 | 1 OIL SEAL, fuel pump | | |
| | G102-0102490 | | (AC-1522023) | | 1 PIN, fuel pump rocker arm | | |
| | G163-0367644 | | (AC-1523887) | | 1 RETAINER, fuel pump filter hair | | |
| H-1 | H001-5127371 | | 132124 | | 1 SCREW, mounting, fuel pump cover (center) (BCGX1.1GH-1) | | |
| H-1 | H101-0132158 | | 132158 (AC132158) | | 2 SCREW, mounting, fuel pump cover (BCGH1.1BS) | | |
| | G147-0389807 | | A323138 (AC-1537096) | A323138 | 1 SPRING, fuel pump diaphragm | | |
| | G104-1789582 | | (AC-1523118) | | 1 SPRING, fuel pump rocker arm | | |
| | G104-1827121 | | (AC-1523106) | | 6 VALVE, fuel pump | | |
| H-1 | H001-1518005 | | (AC-1515066) | | 4 WASHER, lock, fuel pump cover screw | | |
| | G067-1502000 | | A214987 (AC-1521288) | A214987 | 1 WASHER, fuel pump rocker arm pin) | | |
| | G104-7010688 | | (AC-1538698) | | KIT, repair, fuel pump (supersedes KIT, G104-1661002) ..................... | 1 | |
| | | | | | (Consists of: | | |
| | G103-1527767 | | A292983 (AC-1522024) | A292983 | 1 BUSHING, rocker arm pin | | |
| | G148-0151600 | | A323139 (AC-1537097) | A323139 | 1 DIAPHRAGM, assembly | | |
| | | | (AC-1538358) | | 3 DIAPHRAGM, pulsator | | |
| | 0040-1538769 | | (AC-1538769) | | 1 GASKET, mounting | | |
| | | | (AC-1538357) | | 2 GASKET, valve and cage | | |
| | | | (AC-1538359) | | 1 LINK, diaphragm pull | | |
| | G102-0102490 | | (AC-1522023) | | 1 PIN, rocker arm | | |
| | | | (AC-1538356) | | 1 PLATE, valve | | |
| | | | (AC-1538678) | | 1 SCREW, center cover | | |
| | | | (AC-1538679) | | 5 SCREW, cover | | |
| | | | (AC-1218390) | | 4 SCREW, valve plate | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G147-0389807 | | A323138 (AC-1537096) | A323138 | 1 SPRING, diaphragm | |
| | G104-1789582 | | (AC-1523118) | | 1 SPRING, rocker arm | |
| | G104-1827121 | | (AC-1523106) | | 6 VALVE, fuel pump | |
| | | | (AC-1538456) | | 6 WASHER, lock, cover screw | |
| | G067-1502000 | | A214987 (AC-1521288) | A214987 | 1 WASHER, rocker arm pin) | |
| | 0040-1538287 | | (AC-1538287) | | KIT, repair, fuel pump diaphragm........................ (Consists of: | 1 |
| | G148-0151600 | | A323139 (AC-1537097) | A323139 | 1 DIAPHRAGM, fuel pump | |
| | G104-1551621 | | (AC-1537932) | | 3 DIAPHRAGM, fuel pump pulsator | |
| | G104-1827121 | | (AC-1523106) | | 6 VALVE, fuel pump) | |
| | G103-1676407 | 03-6 | (AC-1522077) | | LINK, pull, fuel pump diaphragm (also part of KIT, G104-1661002)............ | 1 |
| H-1 | H101-4217600 | | 102645 B125041B (CWR-200104) | B125041 | NUT, slotted, light, S., 3/8-24NF-2 (fuel pump stud) (BBHX3FB)............ | 1 |
| H-13 | H013-0500001 | | B184238 (AC-1523122) | B184238 | OIL SEAL, fuel pump body (also part of KIT, G104-1661002).................. | 1 |
| | G102-0102490 | 03-6 | (AC-1522023) | | PIN, fuel pump rocker arm (also part of KITS, G104-7010688 and G104-1661002) | 1 |
| | G163-0140090 | 03-6 | (AC-1537929) | | PLATE, fuel pump pulsator cover.................................. | 1 |
| | G163-0340202 | 03-6 | (AC-1537930) | | PLATE, fuel pump valve................................... | 1 |
| H-1 | H101-0133634 | 03-6 | 133634 | | SCREW, mach., fl-hd., S., No. 10-32NF-2 x 1/2.......................... | 4 |
| | G163-0345901 | 01-34,03-6 | C100930 (AC-1538299) (CWR-202772) | C100930 | PUMP, fuel, assembly (type BF) (superseded by PUMP, 0040-1538753).......... | 1 |
| | 0040-1538753 | 01-1,2 | (AC-1538753) (CWR-203598) | | PUMP, fuel, assembly (supersedes PUMP, G163-0345901 and ROMEC PUMP, G104-0101732)........................................ | 1 |
| H-1 | H001-4217600 | 01-34 | 102645 (CWR-200104) | | NUT, slotted, light, S., 3/8-24NF-2 (BBHX3FB).......................... | 2 |
| | G163-0392265 | | (CWR-202755) | | STUD, fuel pump to housing................................... | 2 |
| | | 01-34 | (AIR-AN960-616) | | WASHER, plain, reg., S., 3/8.......................................... | 2 |
| | G067-1501140 | 03-6 | (AC-1523259) | | RETAINER, fuel pump diaphragm spring.............................. | 1 |
| | G163-0367644 | 03-6 | (AC-1523887) | | RETAINER, fuel pump filter hair (also part of KIT, G104-1661002)............ | 1 |
| | 0040-1523121 | | (AC-1523121) | | SPACER, fuel pump rocker arm (used with ARM, G104-7059669)................ | 2 |
| | G147-0389807 | 03-6 | A323138 (AC-1537096) | A323138 | SPRING, fuel pump diaphragm (also part of KITS, G104-7010688 and G104-1661002)............................................. | 1 |
| | G104-1789582 | 03-6 | (AC-1523118) | | SPRING, fuel pump rocker arm (also part of KITS, G104-7010688 and G104-1661002)............................................. | 1 |
| | G104-1827121 | 03-6 | (AC-1523106) | | VALVE, fuel pump, w/CAGE, assembly (also part of KITS, G104-7010688, G104-1661002 and 0040-1538287)................................ | 6 |
| | G067-1502000 | 03-6 | A214987 (AC-1521288) | A214987 | WASHER, fuel pump rocker arm pin (also part of KITS, G104-7010688 and G104-1661002)............................................. | 1 |

## 0304—AIR CLEANER, PARTS, TUBES, HOSE AND CLAMPS

| | | | | | | |
|---|---|---|---|---|---|---|
| | | 03-3 | (VR-7451) | | BAND, air cleaner, front, assembly (Vortox).......................... | 2 |
| | | 03-3 | (VR-7452) | | BAND, air cleaner, rear, assembly (Vortox)........................... | 2 |
| | | 03-3 | (VR-7093) | | NUT, safety, air cleaner front to rear band (Vortox)................ | 8 |
| | G104-0301298 | 03-4 | C107388 | C107388 | BODY, air cleaner, assembly (Donaldson)........................... | 2 |
| | | 03-3 | (VR-7054) | | BODY, air cleaner, assembly (Vortox)................................ | 2 |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G128-0125802 | 03-4 | C95273 | C95273 | BRACKET, mounting, air cleaner (Donaldson) | 2 | |
| H-1 | H001-0118053 | 03-4 | 224383 | | BOLT, hex-hd., s-fin., alloy-S., dld. f/lkg-wire., ½-20NF-2 x 1½ (BAOX7EE) | 4 | |
| H-1 | H001-0725650 | 03-4 | 503344 | | NUT, safety, S., 5/16-24NF-3 (BBSX4AB) | 4 | |
| | | | 500620 (WTK-GM100) | | CLAMP, air cleaner to intake tube | 2 | |
| | G104-2137822 | | A246008B (CWR-202852) | A246008 | CLAMP, carburetor upper intake tube shield | 4 | |
| | G104-1537883 | 03-4 | B207304 (CWR-201883) | B207304 | CLAMP, hose, air cleaner intake tube (4½ in.) (superseded by CLAMP, G104-7006873) | 4 | |
| | G104-7006873 | | 7006873 (CWR-202516) | | CLAMP, hose, air cleaner intake tube (4½ in.) (supersedes CLAMP, G104-1537883) | 4 | |
| | G104-0100363 | | A171113 (CWR-200242) | A171113 | CLAMP, hose, carburetor air intake tube (superseded by CLAMP, G104-1537891) | 8 | |
| | G104-1537891 | 03-4 | (CWR-202515) | | CLAMP, hose, carburetor air intake tube (3½ in.) (supersedes CLAMP, G104-0100363) | 8 | |
| | G104-1537962 | 03-4 | C95283 (CWR-202559) | C95283 | CLEANER, air, assembly (Donaldson) (Includes: BAFFLE, BODY, BOLTS, COVER and FILTER) (optional with CLEANER, G104-0301298) | 2 | |
| | G104-0301298 | 03-3 | C107388 (CWR-202558) | C107388 | CLEANER, air, assembly (Vortox) (optional with CLEANER, G104-1537962) | 2 | |
| H-1 | H001-0116054 | | 227650 | | BOLT, hex-hd., s-fin., alloy-S., ½-13NC-2 x 1¼ (BANX1ED) | 8 | |
| H-1 | H001-1520005 | | 118975 (CWR-202872) | | WASHER, lock, internal teeth, hv., S., ½ (BEAX3E) | 8 | |
| | | 03-3 | (VR-7046) | | CUP, air cleaner (Vortox) | 2 | |
| | | 03-3 | (VR-6442) | | DISC, air cleaner (Vortox) | 2 | |
| | | | 7012518 | | ELBOW, air cleaner | 2 | |
| | G104-0100652 | | B154516 (CWR-200421) | B154516 | GASKET, carburetor air intake screen (vellumoid, 1/16 in. thk.) | 1 | |
| | G104-0301496 | 03-4 | A265235 (CWR-201882) | A265235 | HOSE, connecting, air cleaner intake tube (4 I.D. x 4¾ lgh.) | 2 | |
| | G104-1617611 | 03-4 | B206656 (CWR-201403) | B206656 | HOSE, connecting, carburetor air intake tube, lower (bellows type, 3⅜ I.D. x 3½ O.D. x 4¼ lgh.) | 2 | |
| | G104-0100904 | 03-4 | B167533 (CWR-200275) | B167533 | HOSE, connecting, carburetor air intake tube, upper | 2 | |
| | | 03-3 | (VR-675) | | NUT, wing, air cleaner rod attaching (Vortox) | 4 | |
| H-1 | H001-0724004 | 03-4 | 503456 | | NUT, wing, S., ⅜-16NC-2 (cover to body) (Donaldson) (BBPX1D) | 4 | |
| | G163-0343892 | 03-3 | (VR-6939) | | PRE-FILTER, air cleaner (Vortox) | 2 | |
| | 9160-6951 | 03-3 | (VR-6951) | | ROD, air cleaner body to cup (Vortox) | 8 | |
| | G104-1781673 | | (CWR-202304) | | SCREEN, carburetor air intake, assembly (Includes: FRAME) | 1 | |
| | G104-2384721 | | A246195 (CWR-202851) | A246195 | SHIELD, carburetor upper air intake tube | 2 | |
| | | | 7022503 | | TUBE, intake, air cleaner | 2 | |
| | G104-0307382 | 03-4 | C97367 (CWR-201843) | C97367 | TUBE, intake, air cleaner | 2 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-1807853 | 03-4 | C107386 (CWR-201844) | C107386 | TUBE, intake, carburetor | 2 |
| H-1 | H001-1530009 | 03-4 | 103341 | | WASHER, plain, S., SAE std., 3/8 (13/32 I.D. x 13/16 O.D. x 1/16 thk.) (cover to body) (BEBX1K) (Donaldson) | 4 |

## 0306—FUEL TANKS AND LINES

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | B210334 | B210334 | BLOCK, fuel pump line, engine shroud | 1 |
| H-1 | H001-1013003 | | 216916 | | SCREW, cap, fl-hd., S., 1/4-20NC-2 x 5/8 (BCAX1AA) | 4 |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., 1/4 (.265 I.D. x .453 O.D. x 1/16 thk.) (BECX1G) | 4 |
| | | | B209256 | B209256 | BRACKET, horizontal fuel tank cover to bulkhead | 2 |
| H-1 | H001-1013283 | | 216030 | | SCREW, cap, hex-hd., S., 1/2-20NF-2 x 1 (BCBX1EC) | 6 |
| H-1 | H001-1531002 | | 106261 | | WASHER, plain, S., SAE std., 1/4 (5/16 I.D. x 3/4 O.D. x 1/16 thk.) (BEBX2B) | 6 |
| | G104-2131539 | 03-7 | C100635A | C100635 | CAP, filler, horizontal fuel tank, assembly | 2 |
| H-6 | H006-0210910 | | B259545D | B259545 | CLAMP, hose, fuel line | 12 |
| H-6 | H006-0210920 | | B259545J | B259545 | CLAMP, hose, horizontal to vertical fuel tank, lower | 4 |
| H-6 | H006-0210910 | 03-7 | B259545D | B259545 | CLAMP, hose, horizontal to vertical fuel tank, upper | 4 |
| | | | B208671K | B208671 | CLIP, fuel tank to fuel pump tube | 1 |
| H-1 | H001-5418260 | | 113698 | | SCREW, cap, hex-hd., S., 1/4-28NF-3 x 1/2 (BCVX2BD) | 1 |
| H-1 | H001-1519009 | | 115547 | | WASHER, lock, internal teeth, reg., S., 1/4 (BEAX1H) | 1 |
| | G104-6294332 | 03-8 | B294332 | B294332 | CONTROL, shut-off, fuel line, assembly | 2 |
| H-1 | H001-0718022 | | 218564 | | NUT, reg., hex., s-fin., alloy-S., 5/16-18NC-2 (BBBX1B) | 6 |
| H-1 | H001-1013231 | | 215935 | | SCREW, cap, hex-hd., S., 5/16-24NF-2 x 1 (BCBX1BC) | 6 |
| H-1 | H001-1518008 | | 103320 | | WASHER, lock, reg., S., 5/16 (BECX1H) | 6 |
| | | | C136172 | C136172 | DUCT, vent, fuel tank cooling | 1 |
| H-1 | H001-1013243 | | 215956 | | SCREW, cap, hex-hd., S., 3/8-16NC-2 x 5/8 (BCBX1CA) | 4 |
| H-1 | H001-1518009 | | 103321 | | WASHER, lock, internal teeth, reg., S., 5/16 (BECX1K) | 4 |
| H-6 | H006-0222210 | | B208803C | B208803 | ELBOW, 45°, fuel line to pump | 1 |
| H-6 | H006-0222318 | 03-7 | B208801G | B208801 | ELBOW, horizontal to vertical fuel tank lower hose | 2 |
| H-6 | H006-0222308 | 03-7 | B208801B | B208801 | ELBOW, horizontal to vertical fuel tank upper hose | 4 |
| | | 03-8 | C125052 | C125052 | FLANGE, fuel shut-off valve control | 2 |
| | G104-5601076 | 03-7 | C101076 | C101076 | GAGE, vertical fuel tank | 2 |
| H-1 | H001-5451641 | | 180020 | | SCREW, cap, hex-hd., S., cd-pltd., 1/4-20NC-3 x 3/4 (BCVX4AH-1) | 12 |
| H-1 | H001-7025681 | | 120380 | | WASHER, lock, reg., S., cd-pltd., 1/4 (BECX1G-1) | 12 |
| | G137-0193886 | | A195080 | A195080 | GASKET, vertical fuel tank gage | 2 |
| | | 03-8 | B294325 | B294325 | HANDLE, fuel shut-off valve control | 2 |
| H-1 | H001-0829600 | 03-8 | 505492 | | PIN, stght., drill rod, .125 x 1 (BFDX1CR) | 2 |
| | | 03-7 | B210313A | B210313 | HOOD, fuel tank cooling vent, left, assembly | 1 |
| | | | B210313B | B210313 | HOOD, fuel tank cooling vent, right, assembly | 1 |
| H-1 | H001-0725650 | 03-7 | 503344 | | NUT, safety, S., 5/16-24NF-3 (fiber insert) (BBSX4AB) | 10 |
| H-1 | H001-1013235 | | 216783 | | SCREW, cap, hex-hd., S., 5/16-24NF-2 x 2 (BCBX1BG) | 10 |
| | G104-7008981 | 03-7 | A381635B | A381635 | HOSE, flexible, horizontal to vertical fuel tank, upper | 2 |
| | G104-7008980 | | A381632F | A381632 | HOSE, horizontal to vertical fuel tank, lower | 2 |
| | G104-7008979 | 03-7 | A381632A | A381632 | HOSE, fuel line | 6 |
| | G104-7034944 | | A381632N | A381632 | HOSE, fuel line to fuel pump elbow | 1 |
| | G169-0232815 | | B206875A | B206875 | INSULATION, fuel line long tube | 1 |
| | G104-1648652 | 03-7 | A244650 | A244650 | JOINT, ball, fuel valve control rod | 2 |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., 1/4 (BECX1G) | 2 |
| | | 03-8 | A383090 | A383090 | LEVER, fuel shut-off valve control | 2 |
| | G104-5383098 | 03-8 | A383098 | A383098 | PIN, fuel shut-off valve control lever to shaft | 2 |
| | G104-2855002 | | B200193 | B200193 | LINING, vertical fuel tank, inner *(Cont.)* | 2 |

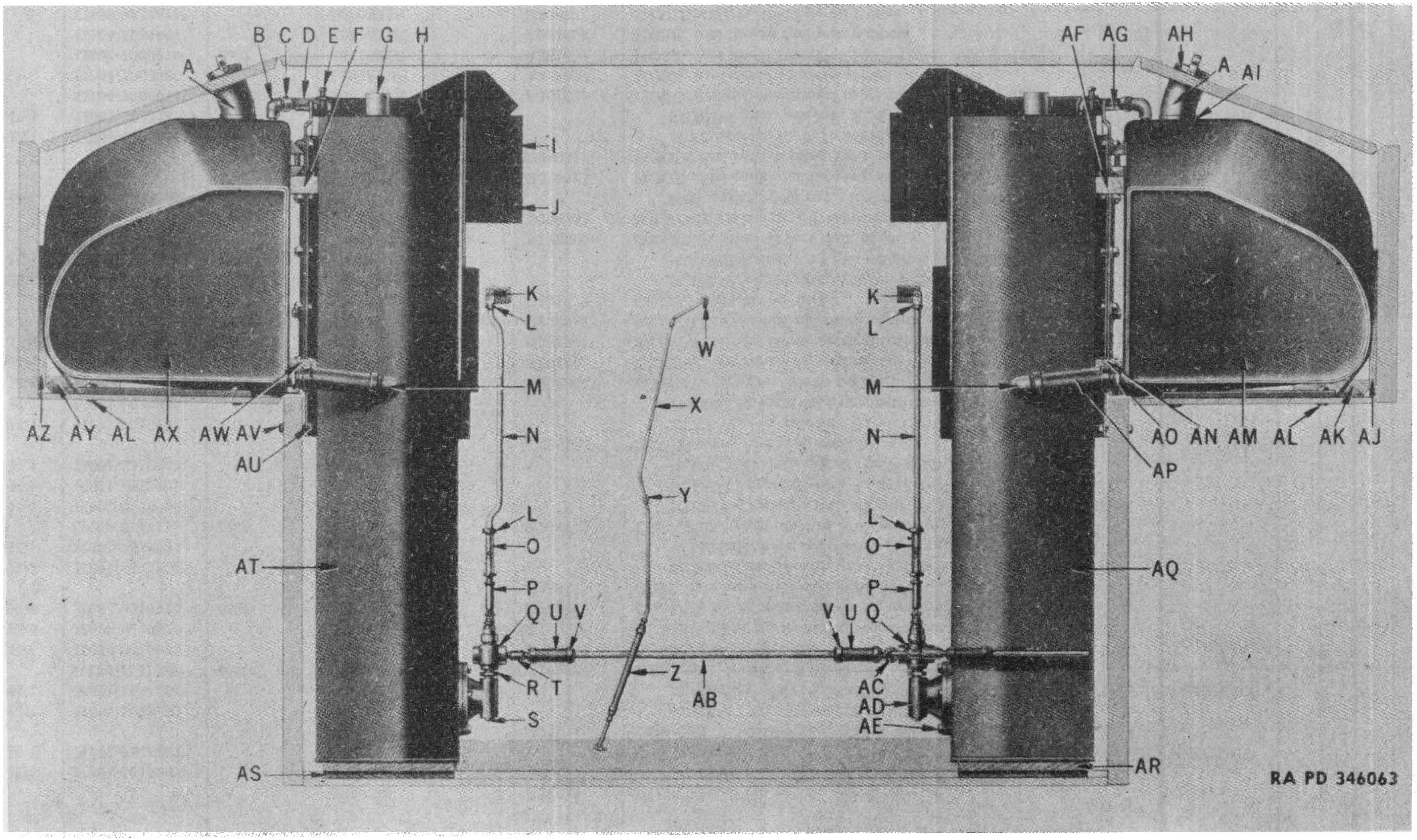



FIGURE 03-7 — FUEL TANKS AND LINES — REAR VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | NECK | C100415A | 0306 |
| B | ELBOW | B208801B | 0306 |
| C | CLAMP | B259545D | 0306 |
| D | HOSE | A381635B | 0306 |
| E | SCREW | 216795 | 0306 |
| F | SPACER | B210117 | 0306 |
| G | GAGE | C101076 | 0306 |
| H | PLATE | A187433 | 0306 |
| I | HOOD | B210313A | 0306 |
| J | NUT | 503344 | 0306 |
| K | JOINT | A244650 | 0306 |
| L | NUT | 218563 | 0306 |
| M | ELBOW | B208801G | |
| N | ROD | B297548E | 0306 |
| O | ROD, ass'y | SKB-1483 | 0306 |
| P | OVERLOAD, ass'y | A383108 | 0306 |
| Q | VALVE, ass'y | B208808 | 0306 |
| R | NIPPLE | A287611 | 0306 |
| S | PLUG | 219305 | 0306 |
| T | TEE | B210335 | 0306 |
| U | HOSE | A381632A | 0306 |
| V | CLAMP | B259545D | 0306 |
| W | ELBOW | B183361C | 0311 |
| X | TUBE | B257718A | 0311 |
| Y | CLIP | A277886 | 0311 |
| Z | HOSE | A213786A | 0311 |
| AB | TUBE | B210336 | 0306 |
| AC | TEE | B208805C | 0306 |
| AD | FILTER, ass'y | B210394 | 0309 |
| AE | SCREW | 215992 | 0309 |
| AF | SPACER | B210117 | 0306 |
| AG | SCREW | 216793 | 0306 |
| AH | CAP, ass'y | C100635A | 0306 |
| AI | WASHER | A326986 | 0306 |
| AJ | SPACER | B296644B | 0306 |
| AK | SPACER | A346032B | 0306 |
| AL | BOLT | 426025 | 0306 |
| AM | TANK | D77971B | 0306 |
| AN | SPACER | B210264B | 0306 |
| AO | NIPPLE | B208806L | 0306 |
| AP | HOSE | A381635B | 0306 |
| AQ | TANK | D77970B | 0306 |
| AR | SPACER | B210192B | 0306 |
| AS | SPACER | B210192A | 0306 |
| AT | TANK | D77970A | 0306 |
| AU | NUT | 503344 | 0306 |
| AV | BOLT | 223604 | 0306 |
| AW | SPACER | B210264A | 0306 |
| AX | TANK | D77971A | 0306 |
| AY | SPACER | A346032A | 0306 |
| AZ | SPACER | B296644A | 0306 |

RA PD 346063A

# GROUP 03 — FUEL



| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| H-1 | H001-1023098 | | 117347 | | SCREW, mach., fl-hd., S., No. 10 (.190)-24NC-2 x 7/16 (BCKX2AD) | 16 | |
| | G104-5226678 | | A226678 | A226678 | LINING, vertical fuel tank, front | 2 | |
| | G104-0303822 | | A187429 | A187429 | LINING, vertical fuel tank, rear | 2 | |
| | G104-2909792 | 03-7 | C100415A | C100415 | NECK, filler, horizontal fuel tank, assembly | 2 | |
| H-1 | H001-1019522 | | 186923 | | SCREW, cap, socket-hd., alloy-S., ¼-20NC-3 x ⅝ (BCWX1BC) | 12 | |
| H-1 | H001-1517007 | | 113114 | | WASHER, lock, lgt., S., ¼ in. (BECX2G) | 12 | |
| | G104-7005518 | | B208806R | B208806 | NIPPLE, hose, fuel line to welded hull fitting | 2 | |
| | G163-0307597 | 03-7 | A287611 | A287611 | NIPPLE, hose, fuel tank filter to fuel shut-off valve | 2 | |
| H-6 | H006-0224810 | | B208806C | B208806 | NIPPLE, hose, fuel tank to pump line block | 2 | |
| H-6 | H006-0224824 | 03-7 | B208806L | B208806 | NIPPLE, hose, horizontal to vertical fuel tank lower hose | 2 | |
| H-1 | H001-0718021 | 03-7 | 218563 | | NUT, jam, reg., hex., s-fin., S., ¼-28NF-2 (fuel shut-off valve control rod) (BBBX1A) | 4 | |
| H-1 | H001-0716003 | | 218438 | | NUT, jam, hex., s-fin., S., ⅜-16NC-2 (vertical fuel tank jam plate adjusting screw) (BBCX1C) | 4 | |
| | G104-5383108 | 03-7 | A383108 | A383108 | OVERLOAD, fuel shut-off valve, assembly | 2 | |
| H-1 | H001-8011024 | | 137130 | | PIN, cotter, split, S., 1/16 x 7/16 (BFAX1BB) | 2 | |
| H-1 | H001-0823002 | | 114783 | | PIN, stght., S., ¼ in. diam. (BFFX1B) | 2 | |
| | | | C103079 | C103079 | PLATE, cover, horizontal fuel tank, left | 1 | |
| | | | C101173 | C101173 | PLATE, cover, horizontal fuel tank, right | 1 | |
| H-1 | H001-0116226 | | 223604 | | BOLT, hex-hd., s-fin., alloy-S., ⅜-24NF-2 x 2½ (BAOX1CK) | 10 | |
| H-1 | H101-0503416 | | B166458C | B166458 | NUT, horizontal fuel tank cover plate top screw | 8 | |
| H-1 | H001-0725660 | | 503350 | | NUT, safety, S., ⅜-24NF-3 (fiber insert) (BBSX4AC) | 10 | |
| H-1 | H001-1013245 | | 215992 | | SCREW, cap, hex-hd., S., ⅜-16NC-2 x 1 (BCBX1CC) | 15 | |
| H-1 | H001-1013247 | 03-7 | 216793 | | SCREW, cap, hex-hd., S., ⅜-24NF-2 x 1½ (BCBX1CE) | 8 | |
| | | | A383894 | A383894 | WASHER, horizontal fuel tank cover front plate screw | 8 | |
| H-1 | H001-1530009 | | 103341 | | WASHER, plain, S., SAE std., ⅜ (BEBX1K) | 7 | |
| H-1 | H001-1531004 | | 106263 | | WASHER, plain, S., U.S. std., ⅜ (BEBX2D) | 8 | |
| | G104-0304991 | 03-7 | A187433 | A187433 | PLATE, jam, vertical fuel tank, top | 2 | |
| H-1 | H001-0716003 | | 218438 | | NUT, jam, hex., s-fin., S., ⅜-16NC-2 (BBCX1C) | 8 | |
| H-1 | H001-1040033 | | 102900 | | SCREW, set, sq-hd., cup-pt., S., ⅜-16NC-3 x 2 (BCSX1CK) | 4 | |
| | G104-5346036 | | A346036 | A346036 | SCREW, adjusting, vertical fuel tank jam plate (side) | 4 | |
| H-6 | H006-0283805 | | 219189 | | PLUG, pipe, sq-hd., black, ⅜ in. (fuel tank to pump line block) (CPMX1AB) | 1 | |
| H-6 | H006-0283830 | 03-7 | 219305 | | PLUG, pipe, sq-hd., black, 1¼ in. (fuel tank filter) (CPMX1AG) | 2 | |
| | | | D77976 | D77976 | POCKET, left vertical fuel tank, upper | 1 | |
| | | | D52822 | D52822 | POCKET, right vertical fuel tank, upper | 1 | |
| H-1 | H001-1013243 | | 215956 | | SCREW, cap, hex-hd., S., ⅜-24NF-2 x ¾ (BCBX1CA) | 4 | |
| H-1 | H001-1518009 | | 103321 | | WASHER, lock, reg., S., ⅜ (BECX1K) | 4 | |
| | | 03-7 | (SKB-1483) | | ROD, control, fuel valve (bent) | 1 | |
| | | 03-7 | B297548E | B297548 | ROD, control, fuel valve (straight) | 1 | |
| H-1 | H001-0718021 | | 218563 | | NUT, reg., hex., s-fin., alloy-S., ¼-20NC-2 (BBBX1A) | 4 | |
| | G163-0170269 | 03-7 | A287660 | A287660 | ROD, end, fuel shut-off control rod to overload | 2 | |
| | | 03-7 | B210264A | B210264 | SPACER, horizontal fuel tank, lower left, inner (wood) | 1 | |
| | | 03-7 | B210264B | B210264 | SPACER, horizontal fuel tank, lower right, inner (wood) | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | 03-7 | B210117 | B210117 | SPACER, horizontal fuel tank, upper, inner (wood) | 2 |
| H-1 | H001-1049065 | | 101998 | | SCREW, wood, rd-hd., S., 1 in., No. 10 (BCRX2BE) | 12 |
| | | | A346031A | A346031 | SPACER, left horizontal fuel tank, front (wood) | 1 |
| | | 03-7 | A346032A | A346032 | SPACER, left horizontal fuel tank, rear (wood) | 1 |
| | | 03-7 | B296644A | A296644 | SPACER, left horizontal fuel tank, outer (wood) | 1 |
| | | | A346031B | A346031 | SPACER, right horizontal fuel tank, front | 1 |
| | | 03-7 | B296644B | B296644 | SPACER, right horizontal fuel tank, outer (wood) | 1 |
| | | 03-7 | A346032B | A346032 | SPACER, right horizontal fuel tank, rear (wood) | 1 |
| | | 03-7 | B210192A | B210192 | SPACER, vertical fuel tank floor, left, assembly (wood) | 1 |
| | | 03-7 | B210192B | B210192 | SPACER, vertical fuel tank floor, right, assembly (wood) | 1 |
| | G163-0389801 | 03-8 | A287657 | A287657 | SPRING, tension, fuel shut-off valve control handle | 2 |
| | G104-7009208 | | B210262A | B210262 | STRAP, left horizontal fuel tank, front, assembly | 1 |
| | G104-0307020 | | B183122 | B183122 | STRAP, left horizontal fuel tank, rear, assembly | 1 |
| | G104-7009209 | | B210262B | B210262 | STRAP, right horizontal fuel tank, front, assembly | 1 |
| | G104-0307026 | | B183501 | B183501 | STRAP, right horizontal fuel tank, rear, assembly | 1 |
| H-1 | H001-0126255 | 03-7 | 426025 | | BOLT, oval-hd., alloy-S., 3/8-24NF-2 x 1 1/4 (BAPX1BE) | 8 |
| H-1 | H001-0725660 | | 503350 | | NUT, safety, S., 3/8-24NF-3 (BBSX4AC) | 4 |
| H-1 | H001-1013249 | 03-7 | 216795 | | SCREW, cap, hex-hd., S., 3/8-24NF-2 x 2 (BCBX1CG) | 4 |
| | G104-6577971 | 03-7 | D77971A | D77971 | TANK, fuel, horizontal, left, assembly | 1 |

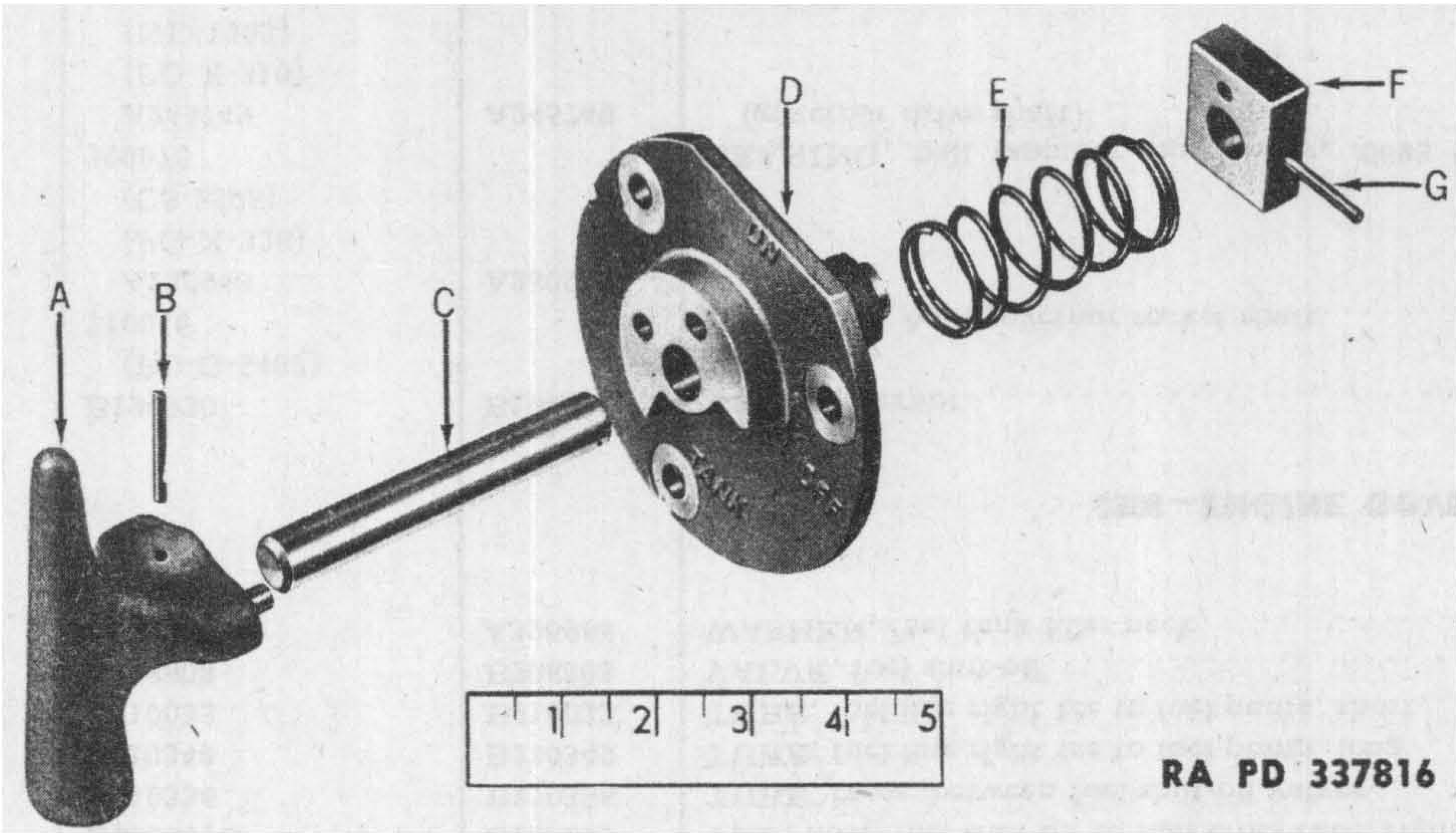



**FIGURE 03-8 — FUEL SHUT-OFF VALVE CONTROL, B294332 — EXPLODED VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | HANDLE | B294325 | 0306 |
| B | PIN | 505492 | 0306 |
| C | SHAFT (furnished only as part of CONTROL, B294332) | | 0306 |
| D | FLANGE | C125052 | 0306 |
| E | SPRING | A287657 | 0306 |
| F | LEVER | A383090 | 0306 |
| G | PIN | A383098 | 0306 |

RA PD 337816C

# GROUP 03 — FUEL

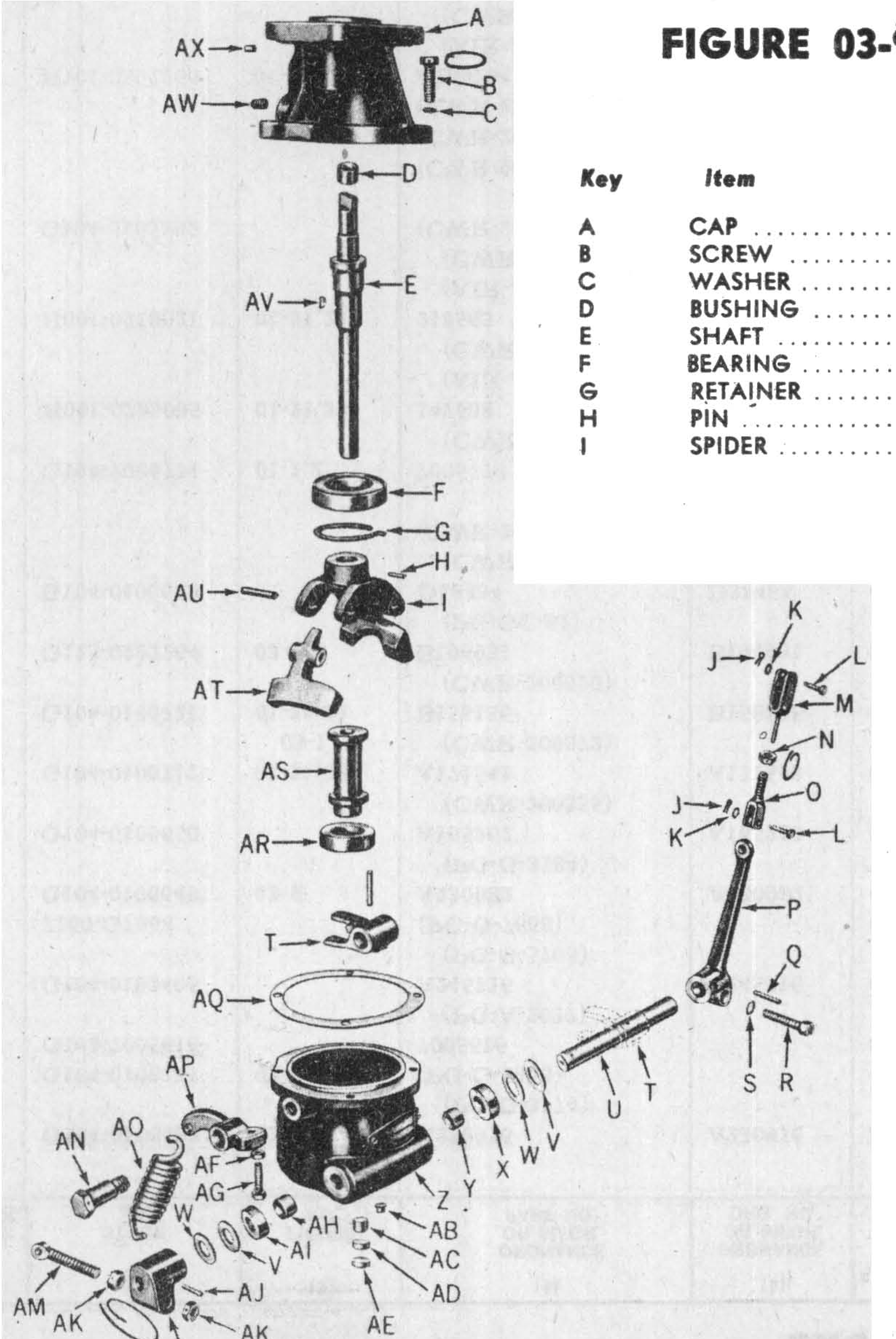
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-7008925 | 03-7 | D77971B | D77971 | TANK, fuel, horizontal, right, assembly | 1 | |
| | G104-6577970 | 03-7 | D77970A | D77970 | TANK, fuel, vertical, left, assembly | 1 | |
| | G104-7008926 | 03-7 | D77970B | B77970 | TANK, fuel, vertical, right, assembly | 1 | |
| | G104-6210335 | 03-7 | B210335 | B210335 | TEE, hose, fuel shut-off to fuel cross tube, left | 1 | |
| H-6 | H006-0234714 | 03-7 | B208805C | B208805 | TEE, hose, fuel shut-off to fuel cross tube, right | 1 | |
| | G104-6210336 | 03-7 | B210336 | B210336 | TUBE, cross, between fuel shut-off valves | 1 | |
| | G104-6210349 | | B210349 | B210349 | TUBE, fuel line right tee to fuel pump, long | 1 | |
| | | | B210033 | B210033 | TUBE, fuel line right tee to fuel pump, short | 1 | |
| | G163-0427256 | 03-7 | B208808 | B208808 | VALVE, fuel shut-off | 2 | |
| | G163-0443032 | 03-7 | A326986 | A326986 | WASHER, fuel tank filler neck | 2 | |

## 0308—ENGINE GOVERNOR

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0100081 | 03-9 | B194930<br>(PG-G-5487) | B194930 | BASE, governor | 1 | |
| H-12 | H012-0710046 | 03-9 | 710046<br>A230948<br>(PG-X-328)<br>(CS-2395) | A230948 | BEARING, ball, governor rocker shaft | 2 | |
| H-12 | H012-1303017 | 03-9 | 700076<br>A245749<br>(PG-X-310)<br>(ND-1203) | A245749 | BEARING, ball (annular, single row, .6693 bore, 1.5748 O.D., .4724 width) (governor drive shaft) | 1 | |
| H-12 | H012-0710045 | 03-9 | 710045<br>A230983<br>(PG-X-317)<br>(NC-6053) | A230983 | BEARING, governor thrust sleeve | 1 | |
| | G104-0100157 | | C91123<br>(PG-G-5465) | C91123 | BODY, governor | 1 | |
| | G163-0124582 | | B220986<br>(CWR-202073) | B220986 | BOX, governor and throttle, assembly | 1 | |
| H-1 | H001-0722015 | | A165060<br>(CWR-200104) | A165060 | NUT, throttle box to elbow stud (slotted, chr-ni-S., cd-pltd., 3/8 in.) | 4 | |
| | G104-0103340 | | A165118<br>(CWR-200170) | A165118 | WASHER, plain, throttle box to elbow stud (alloy-S., cd-pltd., 3/8 in.) | 4 | |
| | G158-0124490 | | C91125<br>(PG-52B-935) | C91125 | BOX, valve, governor | 1 | |
| | G163-7005612 | | C91124<br>(PG-VB-184) | C91124 | BOX, valve, governor, assembly | 1 | |
| | G104-1525945 | 03-9 | A230964<br>(PG-G-5761) | A230964 | BRACKET, governor auxiliary adjusting screw | 1 | |
| | G104-0100266 | 03-9 | A230984<br>(PG-G-3168) | A230984 | BUSHING, governor drive shaft | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0100267 | 03-9 | A230971 (PG-G-5479) | A230971 | BUSHING, governor drive shaft cap | 1 |
| | G104-0100263 | | A165347 (CWR-200496) | A165347 | BUSHING, governor drive shaft, oil pump, assembly (Includes: PIN and SLEEVE) | 1 |
| H-1 | H001-0825304 | | 113129 (CWR-200127) | | PIN, stght., br., .125 x ⅜ (BFDX6CE) *(Cont.)* | 2 |

## FIGURE 03-9 — ENGINE GOVERNOR ASSEMBLY, PG-GC-82 — EXPLODED VIEW




RA PD 337868

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | CAP | PG-G-5465 | 0308 |
| B | SCREW | PG-X-1065 | 0308 |
| C | WASHER | PG-X-1048 | 0308 |
| D | BUSHING | PG-G-5479 | 0308 |
| E | SHAFT | PG-G-5485 | 0308 |
| F | BEARING | PG-X-310 | 0308 |
| G | RETAINER | PG-G-4159 | 0308 |
| H | PIN | PG-X-935 | 0308 |
| I | SPIDER | PG-G-3757 | 0308 |
| J | PIN | PG-X-998 | 0308 |
| K | WASHER | PG-X-693 | 0308 |
| L | PIN | PG-G-5583 | 0308 |
| M | YOKE | PG-G-5302 | 0308 |
| N | NUT | PG-X-994 | 0308 |
| O | YOKE | PG-G-5762 | 0308 |
| P | LEVER | PG-G-5475 | 0308 |
| Q | PIN | PG-X-1006 | 0308 |
| R | SCREW | PG-X-1060 | 0308 |
| S | WASHER | PG-X-1050 | 0308 |
| T | YOKE | PG-G-4058 | 0308 |
| U | SHAFT | PG-G-5537 | 0308 |
| V | RETAINER | PG-G-5502 | 0308 |
| W | WASHER | PG-G-5210 | 0308 |
| X | BEARING | PG-X-328 | 0308 |
| Y | BUSHING | PG-G-3774 | 0308 |
| Z | BASE | PG-G-5487 | 0308 |
| AB | PLUG | PG-X-532 | 0308 |
| AC | BUSHING | PG-G-3168 | 0308 |
| AD | PLUG | PG-G-5486 | 0308 |
| AE | PLUG | PG-G-454 | 0308 |
| AF | NUT | PG-X-991 | 0308 |
| AG | SCREW | PG-X-1064 | 0308 |
| AH | BUSHING | PG-G-3774 | 0308 |
| AI | BEARING | PG-X-328 | 0308 |
| AJ | PIN | PG-X-82 | 0308 |
| AK | NUT | PG-X-1055 | 0308 |
| AL | BRACKETT | PG-G-5761 | 0308 |
| AM | SCREW | PG-G-5760 | 0308 |
| AN | SCREW | PG-G-5765 | 0308 |
| AO | SPRING | PG-SN-217 | 0308 |
| AP | LEVER | PG-G-5764 | 0308 |
| AQ | GASKET | PG-G-3184 | 0308 |
| AR | BEARING | PG-X-317 | 0308 |
| AS | SLEEVE | PG-G-3775 | 0308 |
| AT | WEIGHT | PG-G-3098 | 0308 |
| AU | PIN | PG-G-5719 | 0308 |
| AV | KEY | PG-X-461 | 0308 |
| AW | PLUG | PG-X-1062 | 0308 |
| AX | PIN | PG-X-986 | 0308 |

RA PD 337868C

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| | G104-0100282 | 03-9 | A230976 (PG-G-3774) | A230976 | BUSHING, spacing, governor body | 2 | |
| | G104-0100157 | 03-9 | (PG-G-5465) | | CAP, governor body | 1 | |
| | G163-7005616 | | 7005616 (PG-A-2037) | | CAP, governor body, w/BUSHING, assembly | 1 | |
| | G104-0102406 | | A245716 (PG-G-5763) | A245716 | CRANK, bell, governor valve shaft (superseded by CRANK, 7260-G7668) | 1 | |
| | 7260-G7668 | | (PG-G-7668) | | CRANK, bell, governor valve shaft (supersedes CRANK, G104-0102406) | 1 | |
| | G104-0100649 | 03-9 | A230982 (PG-G-3184) | A230982 | GASKET, governor body | 1 | |
| | G104-0100650 | | A165262 (CWR-200355) | A165262 | GASKET, governor and throttle box to carburetor elbow | 1 | |
| | G104-0100711 | 01-21,22, 03-1 | A171543 (CWR-200672) | A171543 | GASKET, governor to oil pump (also part of GASKET SETS, G163-7005773, G104-0100708 and G104-5700230) | 1 | |
| | G104-0100721 | 01-21,22 | B158136 (CWR-200520) | B158136 | GEAR, governor drive, intermediate | 1 | |
| | G128-0202284 | 03-1,9 | B194931 (PG-GC-82) | B194931 | GOVERNOR, engine, assembly | 1 | |
| | G104-0100653 | | D38434 (CWR-201347) | D38434 | GOVERNOR, engine, w/throttle BOX, assembly (used on C1 engines below serial No. 311949) | 1 | |
| | | | (CWR-202594) | | GOVERNOR, engine, w/throttle BOX, assembly (used on C1 engines serial No. 311949 and up) (superseded by GOVERNOR, G104-7006774) | 1 | |
| | G104-7006774 | 01-1,2 | 7006774 (CWR-203200) | | GOVERNOR, engine, w/throttle BOX, assembly (used on C1 engines serial No. 311949 and up and all C4 engines) (supersedes GOVERNOR, CWR-202594) | 1 | |
| H-1 | H001-0726005 | 01-21,22 | 147508 (AIR-AN356-428) (CWR-200830) | | NUT, lock, S., ¼-28NF (governor to oil pump stud) (BBSX6N) | 8 | |
| H-1 | H001-0718021 | 01-21,22 | 218563 (AIR-AN360-4) (CWR-200109) | | NUT, plain, hex., alloy-S., ¼-28NF-2 (governor to oil pump stud) (BBBX1A) | 4 | |
| | G104-5165192 | | (CWR-200253) | | STUD, governor to oil pump (alloy-S., ¼-20NC-2 (.76) x 2.64 x ¼-28NF-2 (.68) (standard) | 4 | |
| | | | (CWR-200253-H) | | STUD, governor to oil pump (.003 oversize) | as req. | |
| | | | (CWR-200253-S) | | STUD, governor to oil pump (.007 oversize) | as req. | |
| | | | (CWR-200253-J) | | STUD, governor to oil pump (.012 oversize) | as req. | |
| H-1 | H101-0502266 | 01-21,22 | A165104 (AIR-AN-960-416) (CWR-200151) | A165104 | WASHER, plain, alloy-S., cd-pltd., ¼ (governor to oil pump stud) | 4 | |
| | 7260-KA-48 | | (PG-KA-48) | | HOUSING, governor, w/LEVER and SHAFT, assembly | 1 | |
| | G104-0101003 | 03-9 | (PG-X-461) | | KEY, Woodruff, governor drive shaft (S., No. 2) | 2 | |
| | G104-0101042 | 03-9 | A165261 (PG-G-5764) | A165261 | LEVER, adjusting, governor | 1 | |
| | G104-0101041 | 03-9 | A230977 (PG-G-5475) | A230977 | LEVER, control, governor throttle valve | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0101421 | 03-9 | A245704 (PG-X-1006) | A245704 | PIN, groove, governor throttle valve control lever (S., No. 1) | 1 |
| H-1 | H001-1013214 | 03-9 | 215913 (PG-X-1060) | | SCREW, cap, hex., S., ¼-28NF-2 x ⅞ (BCBX1AB) | 1 |
| H-1 | H001-1519009 | 03-9 | 115547 (PG-X-1050) | | WASHER, lock, internal teeth, reg., S., ¼ (BEAX1H) | 7 |
| | G104-0101152 | 03-9 | A245701 (PG-X-991) | A245701 | NUT, governor adjusting lever screw (No. 12-24 x 5/32) | 1 |
| H-1 | H001-0718022 | 03-9 | 218564 (PG-X-1055) | | NUT, hex., s-fin., S., 5/16-24NF-2 (governor auxiliary adjusting screw) (BBBX1B) | 2 |
| | G104-0101184 | 03-9 | A230981 (PG-X-944) | A230981 | NUT, governor throttle rod (hex., S., ¼-28NF-2) | 1 |
| | G104-0101411 | 03-9 | (PG-X-998) | | PIN, cotter, throttle rod yoke pin (S., cd-pltd., 1/16 x 7/16) | 2 |
| | G104-0101482 | 03-9 | A230952 (PG-X-986) | A230952 | PIN, governor bearing cap (stght., S., ⅛ x 9/32) | 1 |
| | G104-0101493 | 03-9 | A245745 (PG-G-5583) | A245745 | PIN, governor throttle rod yoke end | 2 |
| H-1 | H001-4568562 | | 142486 (PG-X-997) | | PIN, groove, taper, S., .125 x ¾ (governor valve shaft) (superseded by PIN, G104-297807) | 1 |
| | G104-2979807 | 03-9 | (PG-X-935) | | PIN, groove, governor weight spider (S., ⅛ x 1 )(supersedes PIN, H001-4568562) | 2 |
| | G104-0101501 | 03-9 | A245697 (PG-G-5719) | A245697 | PIN, pivot, governor weight | 2 |
| H-1 | H001-0829860 | | 505513 (PG-X-1063) | | PIN, stght., S., 3/16 x 1 (governor valve stop) (BFDX1ER) (superseded by PIN, PG-X-794) | 1 |
| | | | (PG-X-794) | | PIN, stght., governor valve stop (supersedes PIN, H001-0829860) | 1 |
| | G128-0338706 | 03-9 | A230953 (PG-X-82) | A230953 | PIN, taper, governor rocker yoke (S., No. 1 x ⅞) | 1 |
| H-6 | H006-0282405 | 03-9 | A230954 (PG-X-532) | A230954 | PLUG, governor body (Welch, 5/16 in.) | 1 |
| | G104-0101712 | 03-9 | A230955 (PG-X-454) | A230955 | PLUG, governor body (Welch, 9/16 in.) | 1 |
| | G104-0101711 | 03-9 | A245695 (PG-G-5486) | A245695 | PLUG, governor drive shaft | 1 |
| | G104-0101681 | 03-9 | A245734 (PG-X-1062) | A245734 | PLUG, pipe, governor body cap (⅛ in.) | 1 |
| | G103-0105702 | 03-9 | A245693 (PG-G-4159) | A245693 | RETAINER, governor drive shaft bearing | 1 |
| | G104-0101759 | 03-9 | A245696 (PG-G-5502) | A245696 | RETAINER, governor rocker shaft bearing | 2 |
| | G158-0373271 | | A245707 (PG-A-3010) | A245707 | ROD, control, governor, assembly | 1 |
| | G163-7005617 | | 7005617 (PG-A-2201) | | ROD, control, governor, w/YOKE, assembly | 1 |
| | G104-0102092 | 03-9 | A245698 (PG-G-5760) | A245698 | SCREW, adjusting, governor auxiliary (S., 5/16-24NF-2 x 2) | 1 |
| | G104-0102114 | 03-9 | A245736 (PG-X-1064) | A245736 | SCREW, cap, governor adjusting lever (hex., No. 12-24 x 1½) | 1 |
| | G104-0102115 | 03-9 | A245838 (PG-X-1065) | A245838 | SCREW, cap, governor body (hex., No. 10-24 x ¾) | 1 |
| | G104-0102194 | 03-9 | A245746 (PG-G-5765) | A245746 | SCREW, governor adjusting lever | 1 |

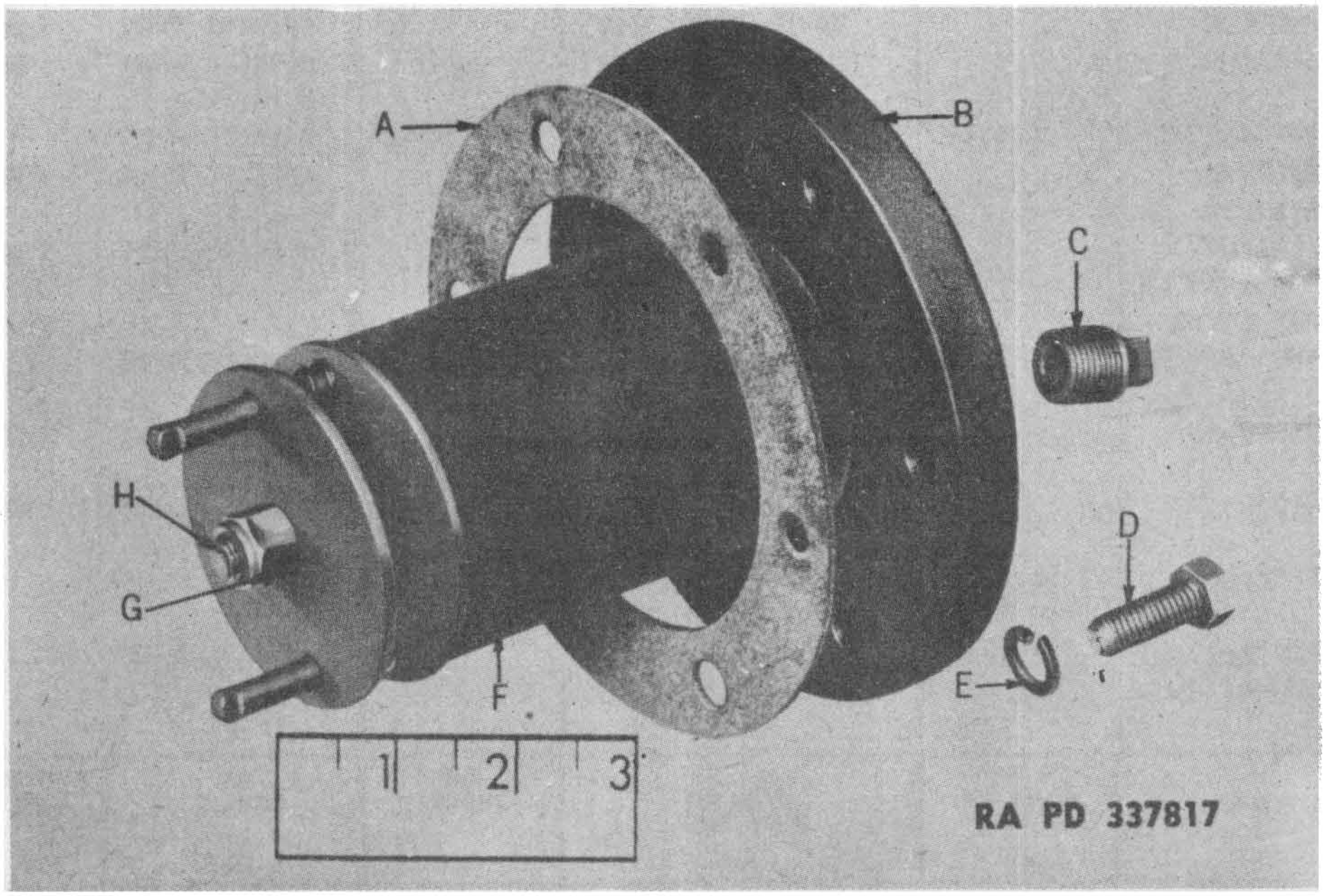
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0102315 | 01-21,22 | B158129 (CWR-200466) | B158129 | SHAFT, governor drive, oil pump, w/PIN and SLEEVE, assembly | 1 | |
| | G104-0102363 | 03-9 | A230967 (PG-G-5485) | A230967 | SHAFT, governor spider | 1 | |
| | G163-7005614 | | 7005614 (PG-A-2035) | | SHAFT, governor spider, w/SPIDER and WEIGHT, assembly | 1 | |
| | G104-0103256 | | A245699 (PG-S-20292) | A245699 | SHAFT, governor valve (superseded by SHAFT, PG-S-20410) | 1 | |
| | | | (PG-S-20410) | | SHAFT, governor valve (supersedes SHAFT, G104-0103256) | 1 | |
| | G104-0102364 | 03-9 | A245714 (PG-G-5537) | A245714 | SHAFT, rocker, governor | 1 | |
| | G163-0384656 | | (PG-A-2032) | | SHAFT, governor valve, assembly | 1 | |
| | G163-7005615 | | 7005615 (PG-A-2036) | | SLEEVE, governor, w/BEARING, assembly | 5 | |
| | G104-0102526 | 03-9 | A23990 (PG-G-3775) | A23990 | SLEEVE, thrust, governor | 1 | |
| | G103-0105702 | | A245693 (PG-G-4159) | A245693 | SNAP RING, governor drive shaft bearing retainer | 1 | |
| | G104-0102635 | 03-9 | A230975 (PG-G-3757) | A230975 | SPIDER, governor weight | 1 | |
| | G163-7005613 | | 7005613 (PG-SN-1397) | | SPRING, governor throttle valve, external | 1 | |
| | G104-0102651 | 03-9 | A245719 (PG-SN-217) | A245719 | SPRING, tension, governor | 1 | |
| | G104-0103156 | | A245744 (PG-G-5480) | A245744 | STUD, governor valve box | 4 | |
| | G128-0427254 | | (PG-SC-197) | | VALVE, governor | 1 | |
| H-1 | H001-1518005 | 03-9 | 106497 A245731 (PG-X-1048) | A245731 | WASHER, lock, internal teeth, reg., S., No. 10 (governor body screw) (BECX1E) | 4 | |
| | G104-0103426 | 03-9 | A245694 (PG-G-5210) | A245694 | WASHER, oil retaining, governor rocker shaft | 2 | |
| | G104-0103413 | 03-9 | A245728 (PG-X-693) | A245728 | WASHER, plain, governor throttle yoke end pin (cd-pltd., S., ¼ x 1/16) | 2 | |
| | G163-0443034 | | (PG-G-3804) | | WASHER, spacing, governor drive shaft | 2 | |
| | G104-0103536 | 03-9 | A230988 (PG-G-3098) | A230988 | WEIGHT, governor | 2 | |
| | G104-0103560 | 03-9 | A230989 (PG-G-4058) | A230989 | YOKE, governor rocker shaft | 1 | |
| | G104-2482441 | 03-9 | (PG-G-5302) | | YOKE, governor throttle rod, female (superseded by YOKE, 7260-G7916) | 1 | |
| | 7260-G7916 | | (PG-G-7916) | | YOKE, governor throttle rod, female (supersedes YOKE, G104-2482441) | 1 | |
| | G104-0103562 | 03-9 | A245754 (PG-G-5762) | A245754 | YOKE, throttle rod, male | 1 | |

## 0309—FUEL FILTER

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-7002479 | 03-10 | 7002479 (AC-5570090) | | ELEMENT, fuel filter, w/GASKET, assembly | 2 |
| | G104-6210394 | 03-7,10 | B210394 | B210394 | FILTER, fuel, w/HOUSING, assembly | 2 |
| H-1 | H001-0725700 | | 503330 | | NUT, safety, 5/8-18NF-3 (BBSX4AG) | 4 |
| H-1 | H001-1013245 | 03-7,10 | 215992 | | SCREW, cap, hex-hd., S., 3/8-24NF-2 x 1 (BCBX1CC) | 12 |
| | G104-5277618 | | A277618 | A277618 | STUD, fuel filter to housing | 4 |
| H-1 | H001-1518009 | 03-10 | 103321 | | WASHER, lock, reg., S., 3/8 (BECX1K) | 12 |
| | G212-5343387 | 03-10 | A343387 | A343387 | GASKET, fuel filter | 2 |
| | G104-5383099 | | A383099 | A383099 | GASKET, fuel filter (neoprene) | 2 |

## 0311—ENGINE PRIMING SYSTEM

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0500071 | 03-11 | (DV-PR3-12) | | BALL, fuel primer check valve | 1 |
| | | | A383610 | A383610 | BLOCK, junction, fuel primer | 1 |
| H-1 | H001-0829843 | | 505557 | | PIN, stght., drill rod, .1875 x 3/8 (BFDX4AL) | 1 |
| H-1 | H001-1013212 | | 216253 | | SCREW, cap, hex-hd., S., 1/4-28NF-2 x 1/2 (BCBX5B) | 1 |
| H-1 | H001-1518007 | | 133319 | | WASHER, lock, reg., S., 1/4 in. (BECX1G) | 1 |
| | | 03-11 | (DV-PR4-50) | | BODY, fuel primer, w/BARREL, assembly | 1 |
| | G104-2124299 | 03-11 | (DV-PR4-3) | | BONNET, fuel primer | 1 |
| | | | C101044 | C101044 | BRACKET, mounting, fuel primer, assembly | 1 |
| H-1 | H001-1013030 | | 193999 | | SCREW, cap, hex-hd., S., 3/8-16NC-2 x 3/4 (BCAX1CA) | 3 |
| H-1 | H001-1519011 | | 115549 | | WASHER, lock, internal teeth, reg., S., 3/8 (BEAX1L) | 3 |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | GASKET | A343387 | 0308 |
| B | HOUSING (furnished only as part of FILTER, B210394) | | 0308 |
| C | PLUG (furnished only as part of FILTER, B210394) | | 0308 |
| D | SCREW | 215992 | 0308 |
| E | WASHER | 103321 | 0308 |
| F | ELEMENT, ass'y | 7002479 | 0308 |
| G | NUT (furnished only as part of FILTER, B210394) | | 0308 |
| H | STUD (furnished only as part of FILTER, B210394) | | 0308 |

RA PD 337817C

FIGURE 03-10 — FUEL FILTER ASSEMBLY, B210394

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | 03-11 | (DV-PR3-24) | | CAP, fuel primer | 1 | |
| | G104-0100356 | | A194727 (CWR-201047) | A194727 | CLAMP, engine priming tube grommet (C1 only) | 16 | |
| | G104-0101189 | | A194640 (CWR-200958) | A194640 | NUT, engine priming tube clamp screw (C1 only) | 6 | |
| H-1 | H001-1030586 | | 100764 (CWR-200966) | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NF-2 x ½ (BCOX1.1AF) (C1 only) | 6 | |
| H-1 | H001-1518005 | | 106497 (CWR-200956) | | WASHER, lock, reg., S., No. 10 (BECX1E) (C1 only) | 6 | |
| | 2220-203638 | 03-13 | (CWR-203638) | | CLAMP, engine priming tube, cylinder No's. 2, 3, 8 and 9, assembly (Includes: BOLT and SUPPORT) (C4 only) | 4 | |
| | | | (CWR-203639) | | CLAMP, engine priming tube to intake pipe (C4 only) | 1 | |
| H-1 | H001-0225850 | | (AIR-AN360-3) | | NUT, plain, hex-hd., reg., S., No. 10-32NF x 7/16 (C4 only) | 8 | |
| | | | (AIR-AN501-10-8) | | SCREW, fil-hd., reg., S., No. 10-32NF x ½ (C4 only) | 4 | |
| H-1 | H001-7025621 | | (AIR-AN935-10) | | WASHER, lock, reg., S., No. 10 (C4 only) | 12 | |
| | G104-0100387 | 03-12,13 | A194637 (CWR-201081) | A194637 | CLAMP, engine priming tube to intake pipe, cylinder No's. 4 and 7 (C4 only) | 2 | |
| H-1 | H101-0225850 | | (AIR-AN360-3) | | NUT, plain, hex-hd., reg., S., No. 10-32NF x 7/16 (C4 only) | 16 | |
| H-1 | H001-1026465 | 03-13 | (AIR-AN501-10-8) | | SCREW, fil-hd., reg., S., No. 10-32NF x ½ (C4 only) | 16 | |
| | G104-0103275 | 03-13 | A165107 (CWR-200154) | A165107 | WASHER, engine priming tube to intake pipe clamp screw (C4 only) | 2 | |
| H-1 | H001-7025621 | | (AIR-AN935-10) | | WASHER, lock, reg., S., No. 10 (C4 only) | 16 | |
| H-6 | H006-0210907 | | B259545 | B259545 | CLAMP, hose, fuel shut-off valve tee to fuel primer supply tube | 2 | |
| | | | 7067394 | | CLIP, fuel primer tubes, engine compartment (double) | 1 | |
| H-1 | H001-5418300 | | 106274 | | SCREW, cap, hex-hd., S., ¼-28NF-3 x ⅝ (BCVX2BF) | 1 | |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., ¼ in. (BECX1G) | 1 | |
| | | | A277884 | A277884 | CLIP, fuel primer tubes to hull, long | 4 | |
| H-1 | H001-1013213 | | 215912 | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ¾ (BCBX1AA) | 4 | |
| H-1 | H001-1519009 | | 115547 | | WASHER, lock, internal teeth, reg., S., ¼ in. (BEAX1H) | 4 | |
| | | | A277819 | A277819 | CLIP, fuel primer tube to hull, short | 2 | |
| H-1 | H001-1013211 | | 216251 | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ⅜ (BCBX5A) | 4 | |
| H-1 | H001-1519009 | | 115547 | | WASHER, lock, internal teeth, reg., S., ¼ in. (BEAX1H) | 4 | |
| | | 03-7 | A277886 | A277886 | CLIP, fuel primer to engine tube, engine compartment (single) | 1 | |
| H-1 | H001-1013211 | | 216251 | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ⅜ (BCBX5A) | 4 | |
| H-1 | H001-1519009 | | 115547 | | WASHER, lock, internal teeth, reg., S., ¼ in. (BEBX1H) | 4 | |
| | 2220-203642 | 03-13 | (CWR-203642) | | CLIP, engine priming tube to clamp, cylinder No's. 3 and 8 | 4 | |
| | | | A227684 | A227684 | CLIP, fuel primer tubes to final drive | 1 | |
| | 2220-203641 | 03-13 | (CWR-203641) | | CLIP, engine priming tube to clamp, cylinder No's 2, 3, 8 and 9 (C4 only) | 4 | |
| | G104-0100356 | 03-12,13 | A194727 (CWR-201047) | A194727 | CLIP, engine priming tubes | 16 | |
| H-1 | H001-0225850 | 03-13 | (AIR-AN360-3) | | NUT, plain, hex-hd., reg., S., No. 10-32NF x 7/16 | 8 | |
| | | 03-13 | (AIR-AN501-10-8) | | SCREW, fil-hd., reg., S., No. 10-32NF x ½ | 8 | |
| H-1 | H001-7025621 | 03-13 | 120217 (AIR-AN935-10) | | WASHER, lock, reg., S., cd-pltd., No. 10 (BECX1E-1) | 8 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0100387 | | A194637 (CWR-201081) | A194637 | CLAMP, engine priming tube to intake pipe . . . . . . . . . . . . . . . . (C1 only) | 6 |
| | G104-0102085 | | A194641 (CWR-200964) | A194641 | SCREW, engine priming tube to intake pipe clamp . . . . . . . . . . . . . (C1 only) | 6 |
| H-1 | H001-1518005 | | 106497 (CWR-200956) | | WASHER, lock, reg., S., No. 10 (BECX1E) . . . . . . . . . . . . . . . . (C1 only) | 6 |
| | G104-0103275 | | A165107 (CWR-200154) | A165107 | WASHER, engine priming tube to intake pipe clamp screw . . . . . . . (C1 only) | 6 |
| | | | (AIR-AN800-2) | | CONE, brass, 1/8 diam. (engine priming tube) . . . . . . . . . . . . . . . . (C4 only) | 12 |
| | G104-0100415 | | A171110 (CWR-200976) | A171110 | CONE, engine priming tube to priming distributor (6), engine priming tube to elbow (6) . . . . . . . . . . . . . . . . (C1 only) | 12 |
| | G104-2139965 | 03-11 | (DV-PR26-11) | | CONNECTOR, fuel primer outlet . . . . . . . . . . . . . . . . | 1 |
| | G104-0501075 | 03-11 | (DV-PR3-22) | | DIAPHRAGM, fuel primer . . . . . . . . . . . . . . . . | 1 |
| | G104-0100531 | 01-1,03-12 | C90268 (CWR-201082) | C90268 | DISTRIBUTOR, engine priming . . . . . . . . . . . . . . . . (C1 only) | 1 |
| | G104-0102108 | | A194644 (CWR-200971) | A194644 | SCREW, engine priming distributor to intake pipe . . . . . . . . . . . . (C1 only) | 2 |
| | G104-0103276 | | A194645 (CWR-200952) | A194645 | WASHER, engine priming distributor to intake pipe screw . . . . . . . . (C1 only) | 2 |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, lock, engine priming distributor to intake pipe screw . . . . . (C1 only) | as req. |

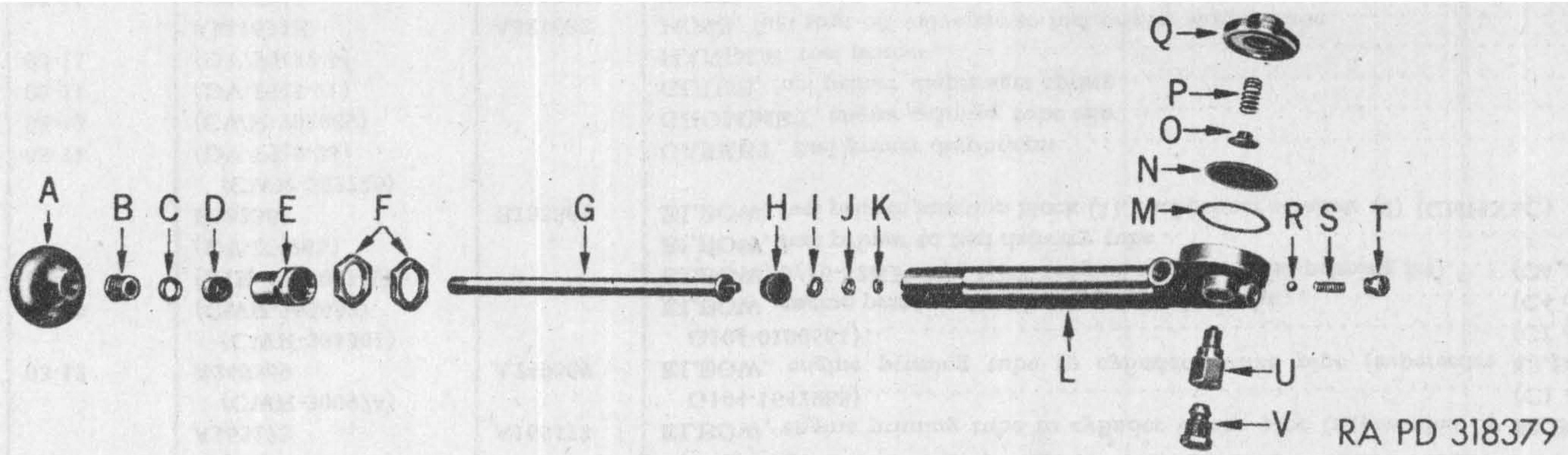



**FIGURE 03-11 — FUEL PRIMER ASSEMBLY, B258063 — EXPLODED**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | HANDLE | DV-PR22-4 | 0311 |
| B | NUT | DV-PR25-18 | 0311 |
| C | RING | DV-PR3-16 | 0311 |
| D | PACKING | DV-PR3-17 | 0311 |
| E | BONNET | DV-PR4-3 | 0311 |
| F | NUT | DV-PR3-19 | 0311 |
| G | STEM | DV-PR4-2 | 0311 |
| H | PLUNGER | DV-PR3-5 | 0311 |
| I | WASHER | DV-PRS3-6 | 0311 |
| J | NUT | DV-PR4-7 | 0311 |
| K | NUT | DV-PR3-55 | 0311 |
| L | BODY, ass'y | DV-PR4-50 | 0311 |
| M | GASKET | DV-PR3-23 | 0311 |
| N | DIAPHRAGM | DV-PR3-22 | 0311 |
| O | GUIDE | DV-PR3-21 | 0311 |
| P | SPRING | DV-PR3-20 | 0311 |
| Q | CAP | DV-PR3-24 | 0311 |
| R | BALL | DV-PR3-12 | 0311 |
| S | SPRING | DV-PR3-13 | 0311 |
| T | PLUG | DV-PR3-14 | 0311 |
| U | CONNECTOR | DV-PR26-11 | 0311 |
| V | NUT | DV-BU020 | 0311 |

RA PD 318379C

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | 2220-203476 | 01-2,03-13 | (CWR-203476) | | DISTRIBUTOR, engine priming ........ (C4 only) | 1 | |
| H-1 | H101-0225829 | 03-13 | (AIR-500A10-20) | | SCREW, engine priming distributor to intake pipe clamp ........ (C4 only) | 2 | |
| H-1 | H101-0502244 | 03-13 | (AIR-AN960-10) | | WASHER, lock, engine priming distributor to intake pipe clamp screw ........ (C4 only) | 2 | |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, lock, engine priming distributor to intake pipe clamp screw . . (C4 only) | as req. | |
| H-6 | H006-0333100 | 03-7 | B183361C (CWR-202776) | B183361 | ELBOW, engine primer tube to distributor ........ | 1 | |
| | G104-0100561 | | A165173 (CWR-200974) | A165173 | ELBOW, engine priming tube to cylinder intake pipe (superseded by ELBOW, G104-1642985) ........ (C1 only) | 6 | |
| | G104-1642985 | 03-12 | A249569 (CWR-202301) | A249569 | ELBOW, engine priming tube to cylinder intake pipe (supersedes ELBOW, G104-0100561) ........ (C1 only) | 6 | |
| H-6 | H006-0500552 | 03-13 | (CWR-203657) | | ELBOW, engine priming distributor to priming tube ........ (C4 only) | 4 | |
| H-6 | H006-0500589 | 03-13 | (AIR-AN4023-1) | | ELBOW, 5/16-32NF x 1/8 NPT (engine cylinder head priming jet) . . . . (C4 only) | 6 | |
| | | | (DV-X4265) | | ELBOW, fuel primer to fuel delivery tube ........ | 1 | |
| H-6 | H006-0333100 | | B183361 (CWR-202776) | B183361 | ELBOW, fuel primer junction block (1), fuel primer strainer (2) (CNHX5C) ...... | 3 | |
| | G104-0501282 | 03-11 | (DV-PR3-23) | | GASKET, fuel primer diaphragm ........ | 1 | |
| | G104-0200138 | 03-13 | (CWR-201089) | | GROMMET, engine priming tube clip ........ | 16 | |
| | G214-7033652 | 03-11 | (DV-PR3-21) | | GUIDE, fuel primer diaphragm spring ........ | 1 | |
| | G104-2209302 | 03-11 | (DV-PR22-4) | | HANDLE, fuel primer ........ | 1 | |
| | G104-7034942 | | A381632K | A381632 | HOSE, fuel shut-off valve tee to fuel primer supply tube ........ | 1 | |
| | G104-0303189 | 03-11 | A213786A (CWR-202942) | A213786 | HOSE, fuel primer delivery tube engine compartment union to priming distributor . | 1 | |
| | G104-2232838 | | (DV-PR26-51) | | INTAKE, fuel primer elbow, assembly ........ | 1 | |
| | G104-0101135 | | A194642 (CWR-200975) | A194642 | NIPPLE, engine priming distributor to priming tube ........ (C1 only) | 6 | |
| H-6 | H006-0229010 | | 105404 | | NIPPLE, fuel primer junction block to strainer (CPNX1AA) ........ | 1 | |
| H-6 | H006-0501105 | 03-13 | (AIR-AN780-2) | | NIPPLE, union, br., 1/8 in. NPT x 5/16-32NF-3 (engine primer distributor to cylinder priming tube) ........ | 2 | |
| | G103-1714461 | | A165169 (AIR-AN805-2) (CWR-200973) | A165169 | NUT, engine priming tube to distributor (6), engine priming tube to elbow (6) . . | 12 | |
| | G104-1714820 | 03-11 | (DV-BU-020) | | NUT, fuel primer outlet connector, w/SLEEVE, assembly ........ | 1 | |
| | G104-0101224 | 03-11 | (DV-PR25-18) | | NUT, fuel primer packing (br., 5/8 x 5/8) ........ | 1 | |
| | G104-0101379 | 03-11 | (DV-PR3-17) | | PACKING, fuel primer (leather, 19/32 x 3/16) ........ | 1 | |
| | G104-0101600 | | A165225A-1 (CWR-200845) | A165225 | PLUG, engine priming distributor (superseded by PLUG, G104-1740453) . (C1 only) | 3 | |
| | G104-1740453 | | A246143 (CWR-201800) | A246143 | PLUG, engine priming distributor (supersedes PLUG, G104-0101600) . . . (C1 only) | 3 | |
| H-6 | H006-0541503 | 03-13 | (AIR-AN-913-1) | | PLUG, engine primer distributor ........ | 3 | |
| | | 03-11 | (DV-PR3-14) | | PLUG, fuel primer check valve ........ | 1 | |
| | G104-0100488 | 03-11 | (DV-PR3-5) | | PLUNGER, cup, fuel primer (leather) ........ | 1 | |
| | | 03-11 | (DV-PR3-55) | | NUT, fuel primer plunger to stem . . . . *(Cont.)* ........ | 1 | |

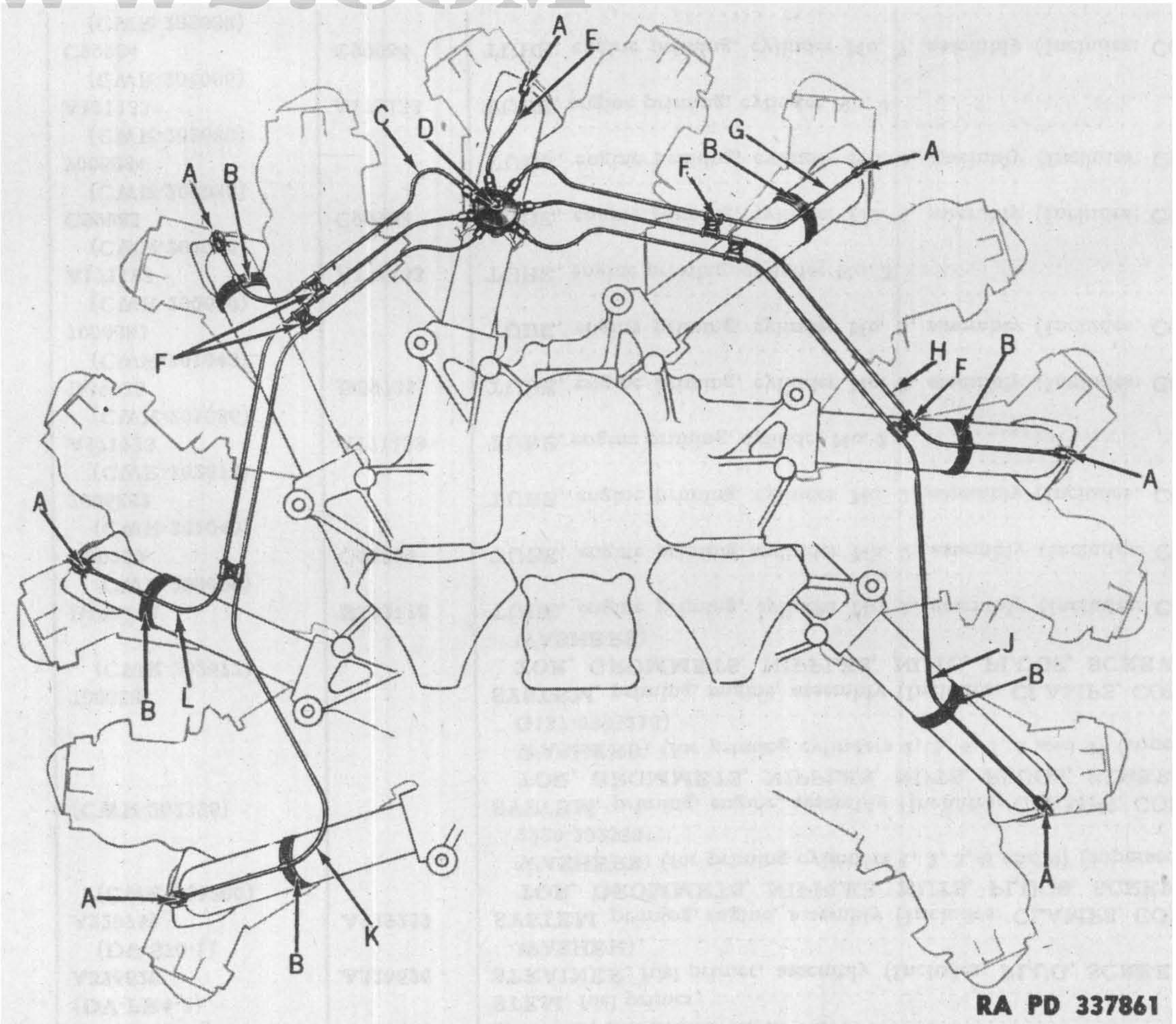
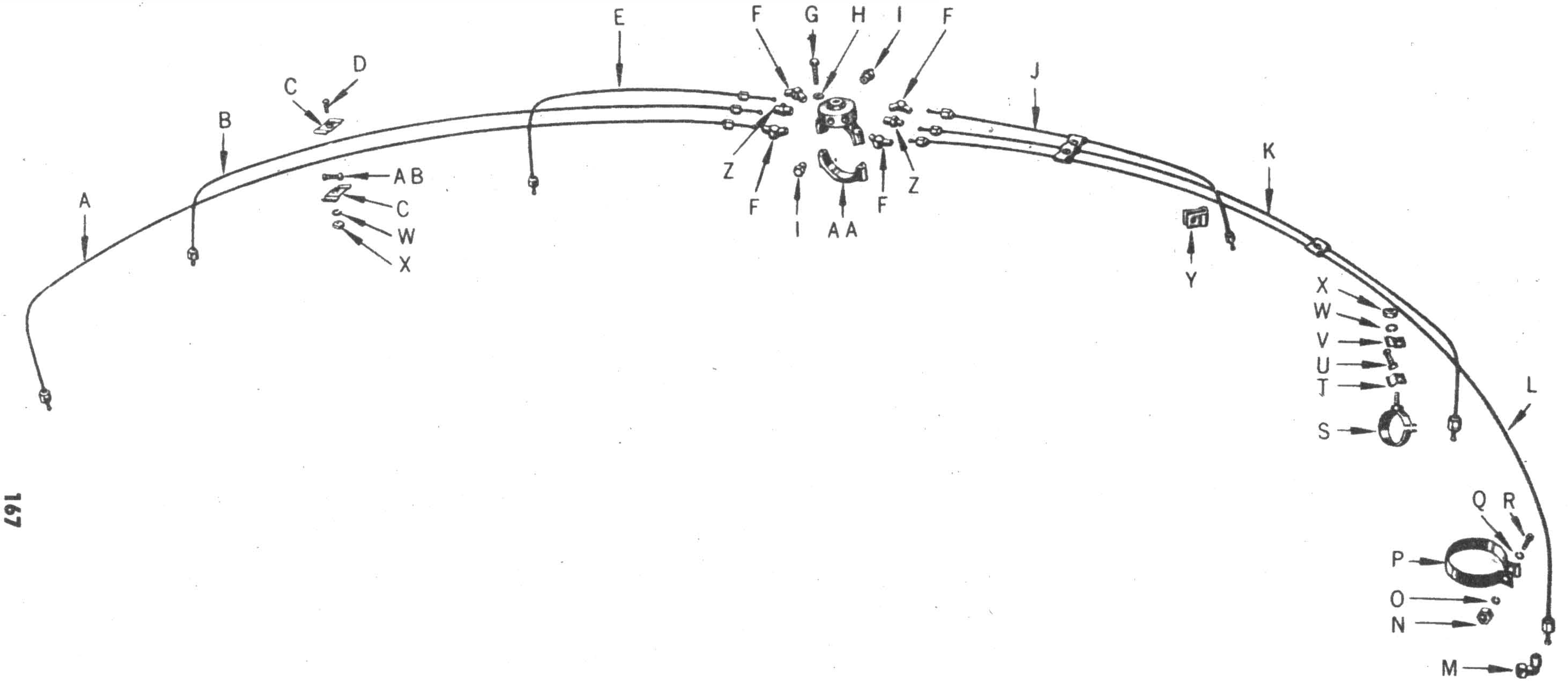



**FIGURE 03-12 — FUEL PRIMING DISTRIBUTOR AND TUBES**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | ELBOW | CWR-202301 | 0311 |
| B | CLAMP | A194637 | 0311 |
| C | TUBE, ass'y | CWR-201039 | 0311 |
| D | DISTRIBUTOR, ass'y | C90268 | 0311 |
| E | TUBE, ass'y | CWR-202009 | 0311 |
| F | CLIP | A194727 | 0311 |
| G | TUBE, ass'y | CWR-201040 | 0311 |
| H | TUBE, ass'y | CWR-201043 | 0311 |
| J | TUBE, ass'y | CWR-202086 | 0311 |
| K | TUBE, ass'y | CWR-202089 | 0311 |
| L | TUBE, ass'y | CWR-202682 | 0311 |

RA PD 337861C

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| | | 03-11 | (DV-PR4-7) | | NUT, lock, fuel primer plunger to stem | 1 | |
| | G104-0103357 | 03-11 | (DV-PR5-3-6) | | WASHER, fuel primer plunger (br., .531 x 3/32) | 1 | |
| | G104-1744040 | 03-11 | B258063A (DV-PR26) | B258063 | PRIMER, fuel, assembly | 1 | |
| | G104-0101223 | 03-11 | (DV-PR3-19) | | NUT, lock, fuel primer to bracket | 2 | |
| | G104-0101867 | 03-11 | (DV-PR3-16) | | RING, packing, fuel primer | 1 | |
| | G104-0504075 | 03-11 | (DV-PR3-20) | | SPRING, compression, fuel primer diaphragm | 1 | |
| | G104-0504061 | 03-11 | (DV-PR3-13) | | SPRING, fuel primer check valve | 1 | |
| | | 03-11 | (DV-PR4-2) | | STEM, fuel primer | 1 | |
| | G104-1792079 | | A326626 (DV-S70-1) | A326626 | STRAINER, fuel primer, assembly (Includes: PLUG, SCREEN, SPRING and WASHER) | 1 | |
| | G137-0395215 | | A229759 (CWR-201206) | A229759 | SYSTEM, priming, engine, assembly (Includes: CLAMPS, CONE, DISTRIBUTOR, GROMMETS, NIPPLES, NUTS, PLUGS, SCREWS, TUBES and WASHERS) (for priming cylinders 1, 2, 3, 8 and 9) (superseded by SYSTEM, 2220-202326) (C1 only) | 1 | |
| | 2220-202326 | | (CWR-202326) | | SYSTEM, priming, engine, assembly (Includes: CLAMPS, CONE, DISTRIBUTOR, GROMMETS, NIPPLES, NUTS, PLUGS, SCREWS, TUBES, and WASHERS) (for priming cylinders 2, 3, 4, 7, 8 and 9) (supersedes SYSTEM, G137-0395215) (C1 only) | 1 | |
| | G163-7006881 | | 7006881 (CWR-202677) | | SYSTEM, priming, engine, assembly (Includes: CLAMPS, CONE, DISTRIBUTOR, GROMMETS, NIPPLES, NUTS, PLUGS, SCREWS, TUBES and WASHERS) (C4 only) | 1 | |
| | G104-1808040 | 03-12 | B193178 (CWR-202009) | B193178 | TUBE, engine priming, cylinder No. 1, assembly (Includes: CONE and NUT) (C1 only) | 1 | |
| | G104-0103212 | 03-12 | C90259 (CWR-201040) | C90259 | TUBE, engine priming, cylinder No. 2, assembly (Includes: CONE and NUT) (C1 only) | 1 | |
| | G163-7006882 | 03-13 | 7006882 (CWR-202678) | | TUBE, engine priming, cylinder No. 2, assembly (Includes: CONE and NUT) (C4 only) | 1 | |
| | G118-0407848 | | A171133 (CWR-201086) | A171133 | TUBE, engine priming, cylinder No. 2 (C4 only) | 1 | |
| | G104-0103213 | 03-12 | D39735 (CWR-201043) | D39735 | TUBE, engine priming, cylinder No. 3, assembly (Includes: CONE and NUT) (C1 only) | 1 | |
| | G163-7006883 | 03-13 | 7006883 (CWR-202679) | | TUBE, engine priming, cylinder No. 3, assembly (Includes: CONE and NUT) (C4 only) | 1 | |
| | G118-0407848 | 03-12 | A171133 (CWR-201086) | A171133 | TUBE, engine priming, cylinder No. 3 (C4 only) | 1 | |
| | G104-1808038 | | C99983 (CWR-202086) | C99983 | TUBE, engine priming, cylinder No. 4, assembly (Includes: CONE and NUT) (C1 only) | 1 | |
| | G163-7006884 | 03-13 | 7006884 (CWR-202680) | | TUBE, engine priming, cylinder No. 4, assembly (Includes: CONE and NUT) (C4 only) | 1 | |
| | G118-0407848 | | A171133 (CWR-201086) | A171133 | TUBE, engine priming, cylinder No. 4 (C4 only) | 1 | |
| | G104-1808039 | 03-12 | C99984 (CWR-202089) | C99984 | TUBE, engine priming, cylinder No. 7, assembly (Includes: CONE and NUT) (C1 only) | 1 | |




RA PD 345542

**FIGURE 03-13 — ENGINE PRIMING SYSTEM**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | TUBE, ass'y | CWR-202681 | 0311 |
| B | TUBE, ass'y | CWR-202682 | 0311 |
| C | CLIP | CWR-201047 | 0311 |
| D | SCREW | AIR-AN-501-10-8 | 0311 |
| E | TUBE, ass'y | CWR-202683 | 0311 |
| F | ELBOW | CWR-203657 | 0311 |
| G | SCREW | AIR-AN-500-10-20 | 0311 |
| H | WASHER | AIR-AN-960-10 | 0311 |
| I | PLUG | AIR-AN-913-1 | 0311 |
| J | TUBE, ass'y | CWR-202678 | 0311 |
| K | TUBE, ass'y | CWR-202679 | 0311 |
| L | TUBE, ass'y | CWR-202680 | 0311 |
| M | ELBOW | AIR-AN-4023-1 | 0311 |
| N | NUT | AIR-AN-360-3 | 0311 |
| O | WASHER | AIR-AN-935-10 | 0311 |
| P | CLAMP | CWR-201081 | 0311 |
| Q | WASHER | CWR-200154 | 0311 |
| R | SCREW | AIR-AN-501-10-8 | 0311 |
| S | CLAMP, ass'y | CWR-201638 | 0311 |
| T | CLIP | CWR-203642 | 0311 |
| U | GROMMET | CWR-201089 | 0311 |
| V | CLIP | CWR-203642 | 0311 |
| W | WASHER | AIR-AN-935-10 | 0311 |
| X | NUT | AIR-AN-360-3 | 0311 |
| Y | CLIP | CWR-203641 | 0311 |
| Z | NIPPLE | AIR-AN-780-2 | 0311 |
| AA | DISTRIBUTOR | CWR-203476 | 0311 |
| AB | GROMMET | CWR-201089 | 0311 |

RA PD 345542A

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G163-7006885 | 03-13 | 7006885 (CWR-202681) | | TUBE, engine priming, cylinder No. 7, assembly (Includes: CONE and NUT) ........ (C4 only) | 1 | |
| | G118-0407848 | | A171133 (CWR-201086) | A171133 | TUBE, engine priming, cylinder No. 7 ........ (C4 only) | 1 | |
| | G104-0103214 | | D39736 (CWR-201042) | D39736 | TUBE, engine priming, cylinder No. 8, assembly (Includes: CONE and NUT) ........ (C1 only) | 1 | |
| | G163-7006886 | 03-13 | D39736 (CWR-202682) | D39736 | TUBE, engine priming, cylinder No. 8, assembly (Includes: CONE and NUT) ........ (C4 only) | 1 | |
| | G118-0407848 | | A171133 (CWR-201086) | A171133 | TUBE, engine priming, cylinder No. 8 ........ (C4 only) | 1 | |
| | G104-0103215 | | C90258 (CWR-201039) | C90258 | TUBE, engine priming, cylinder No. 9, assembly (Includes: CONE and NUT) ........ (C1 only) | 1 | |
| | G163-7006887 | 03-13 | C90258 (CWR-202683) | C90258 | TUBE, engine priming, cylinder No. 9, assembly (Includes: CONE and NUT) ........ (C4 only) | 1 | |
| | G118-0407848 | | A171133 (CWR-201086) | A171133 | TUBE, engine priming, cylinder No. 9 ........ (C4 only) | 1 | |
| | G104-6552895 | | D52895 | D52895 | TUBE, fuel primer supply union to junction block ........ | 1 | |
| | G104-5601270 | | C101270 | C101270 | TUBE, fuel primer supply, union to union ........ | 1 | |
| | G104-6210421 | | B210421 | B210421 | TUBE, fuel primer supply, strainer to primer ........ | 1 | |
| | G104-5601272 | | C101272 | C101272 | TUBE, fuel primer delivery, union to engine compartment union ........ | 1 | |
| | G104-6552896 | | D52896 | D52896 | TUBE, fuel primer delivery, primer elbow to union ........ | 1 | |
| | G104-7067507 | | 7067507 | | TUBE, fuel primer delivery, union to union ........ | 1 | |
| | G104-5601298 | | C101298 | C101298 | TUBE, fuel primer supply, fuel shut-off valve tee to union ........ | 1 | |
| | G104-7007013 | 03-7 | B257718A (CWR-202778) | B257718 | TUBE, fuel primer delivery, engine compartment union, hose to distributor ........ | 1 | |
| | G104-5277875 | | A277875 | A277875 | UNION, fuel primer delivery, engine compartment ........ | 1 | |
| H-6 | H006-0394110 | | A183360 | A183360 | UNION, fuel primer supply tubes (2), fuel primer delivery tubes (2) (CNHX3C) .. | 4 | |

# GROUP 04 — EXHAUST

## 0401—EXHAUST AND TAIL PIPE

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | 04-1 | B325646 | B325646 | BRACKET, exhaust tail pipe ........ | 2 | |
| H-1 | H001-1031051 | | 221678 | | SCREW, cap, hex-hd., S., dld. f/1kg-wire., 3/8-24NF-2 x 7/8 (BCBX3CB) .... | 8 | |
| H-1 | H001-1519011 | | 115549 | | WASHER, lock, internal teeth, reg., S., 3/8 (BEAX1L) ........ | as req. | |
| | | | A381166 | A381166 | BRACKET, locking, exhaust deflector ........ | 2 | |
| | | 04-1 | A414076 | A414076 | CLAMP, rear exhaust pipe to tail pipe (2), front exhaust pipe to exhaust manifold (2) ........ | 4 | |
| | | | B209823 | B209823 | HANDLE, locking, exhaust deflector vane, w/CHAIN, assembly ........ | 2 | |
| | | | A381170 | A381170 | PIN, hinge, exhaust deflector vane ........ | 2 | |
| H-1 | H001-0811040 | | 103374 | | PIN, cotter, split, S., 3/32 x 1 (BFAX1CG) ........ | 2 | |
| | | 04-1 | C137705 | C137705 | PIPE, exhaust, front, assembly ........ | 2 | |
| | | 04-1 | C137706 | C137706 | PIPE, exhaust, rear, assembly ........ | 2 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | 04-1 | C101167A | C101167 | PIPE, tail, exhaust, left | 1 |
| | | 04-1 | C101167B | C101167 | PIPE, tail, exhaust, right | 1 |
| H-1 | H001-1013228 | 04-1 | 216282 | | SCREW, cap, fl-hd., S., 5/16-24NF-2 x ½ (BCBX5D) | 4 |
| H-1 | H001-1519010 | 04-1 | 115548 | | WASHER, lock, internal teeth, reg., S., 5/16 (BEAX1K) | 4 |
| | | | A381173 | A381173 | SPRING, locking, exhaust deflector | 2 |
| H-1 | H001-1025300 | | 193390 | | SCREW, ext-teeth-lockwasher, rd-hd., S., No. 10 (.190)-24NC-2 x ⅜ (BCYX3ED) | 2 |
| | | | D78322 | D78322 | VANE, deflector, exhaust | 1 |

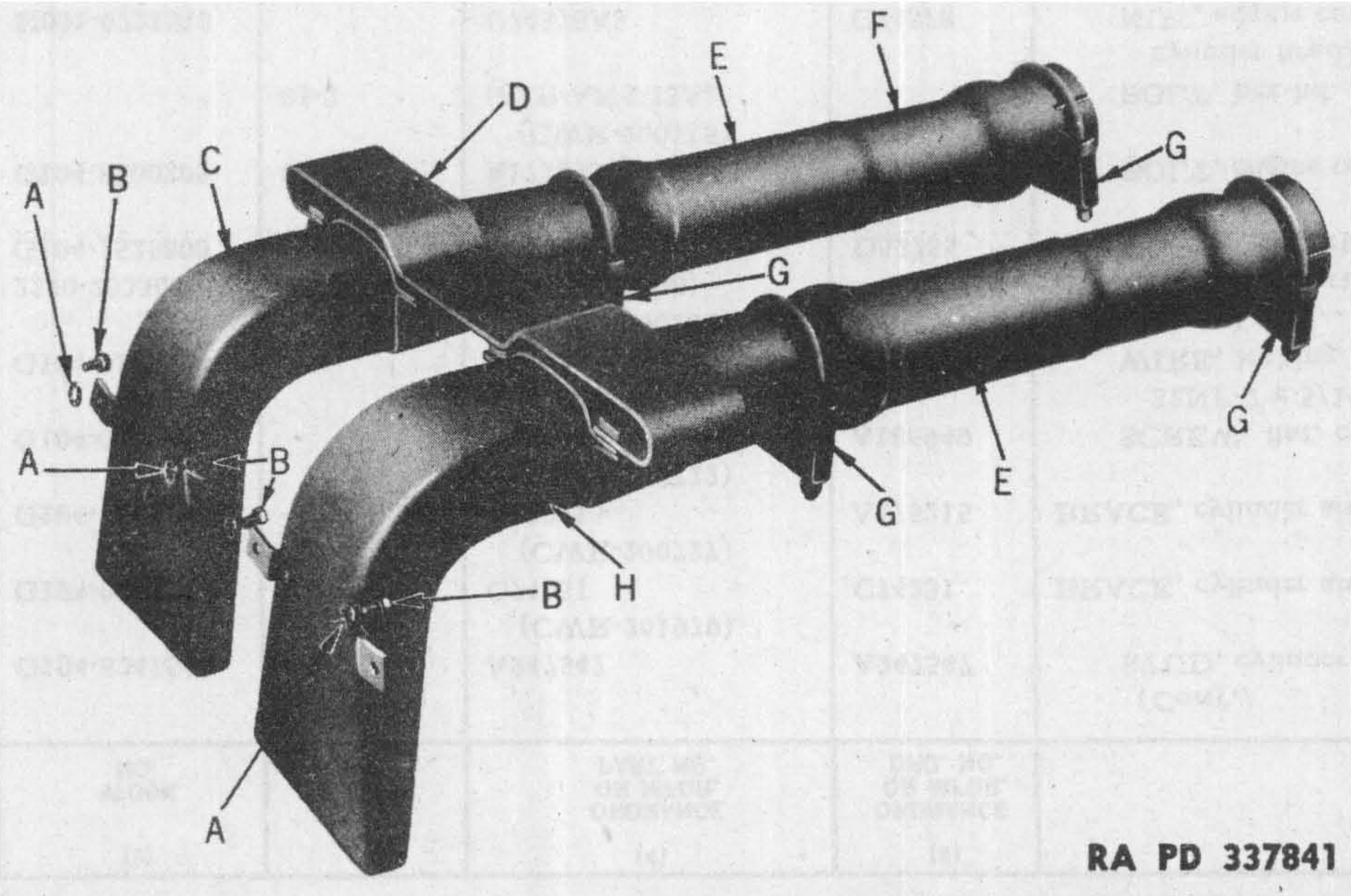
## GROUP 05 — COOLING

**All parts for both the R975-C1 and C4 engines are listed in this group. Parts that are peculiar only to one engine carry the notation "(C1 only)" or "(C4 only)" all other parts not so noted are common to both the R975-C1 and C4 engines.**

### 0502—ENGINE COWLING AND DEFLECTORS

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-5247544 | 05-1,2 | A247544 (CWR-201993) | A247544 | ADAPTER, cylinder air deflector (for attaching all deflectors) | 45 |
| | G104-5247546 | | A247546 (CWR-201977) | A247546 | PIN, cross, cylinder air deflector | 45 |
| | G104-5247494 | | A247494 (CWR-201978) | A247494 | STUD, cylinder air deflector, long (C1 only) | 1 |

*(Cont.)*




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | WASHER | 115548 | 0401 |
| B | SCREW | 216282 | 0401 |
| C | PIPE | C101167A | 0401 |
| D | BRACKET | B325646 | 0401 |
| E | PIPE, ass'y | C137706 | 0401 |
| F | PIPE, ass'y | C137705 | 0401 |
| G | CLAMP | A414076 | 0401 |
| H | PIPE | C101167B | 0401 |

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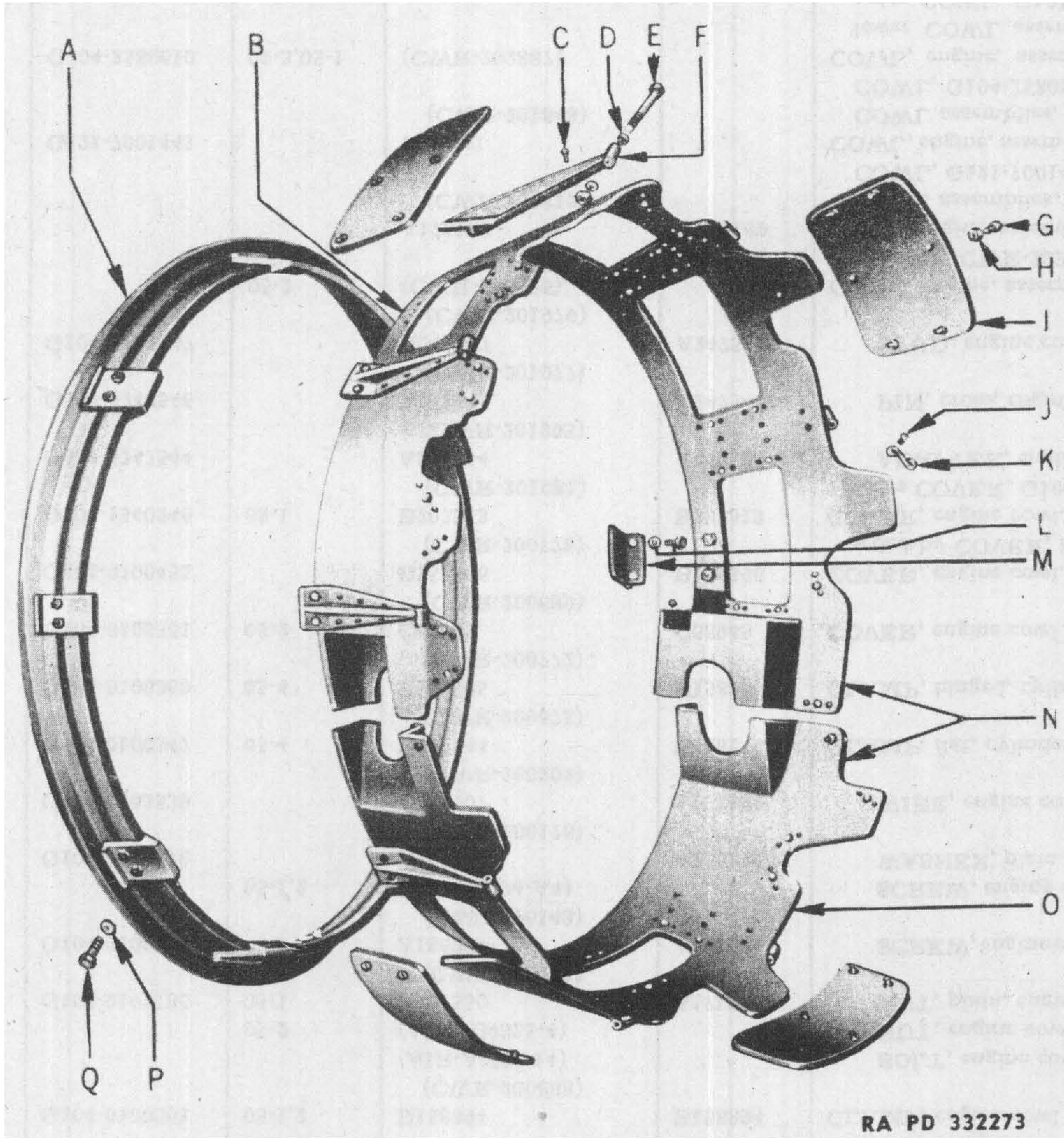
FIGURE 04-1 — EXHAUST AND TAIL PIPES

# GROUP 05 — COOLING



| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| | G104-5247547 | 05-1 | A247547 (CWR-201979) | A247547 | STUD, cylinder air deflector, short | 41 | |
| | G104-0500346 | 05-4 | C74231 (CWR-200727) | C74231 | BRACE, cylinder air deflector, oil sump (C1 only) | 1 | |
| | G104-0100235 | | A175215 (CWR-200722) | A175215 | BRACE, cylinder air deflector, reinforcing (C1 only) | 9 | |
| | G104-0102151 | | A186949 (CWR-200271) | A186949 | SCREW, flat, cylinder air deflector reinforcing brace (fil-hd., No. 10 (.190)-32NF-2 x 5/16 (C1 only) | 18 | |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, cylinder air deflector reinforcing brace screw (chr-ni-S., .045 diam.) (C1 only) | as req | |
| | 2220-203308 | 05-2 | (CWR-203308) | | BRACKET, support, engine cowl (C4 only) | 7 | |
| | G104-1525800 | 05-1 | D52755 (CWR-201480) | D52755 | BRACKET, support, engine cowl (C1 only) | 7 | |
| | G104-0100205 | 05-1 | A171093 (CWR-200115) | A171093 | BOLT, engine cowl support bracket to cylinder head (¼-28 x 2⅜) (C1 only) | 7 | |
| | | 05-2 | (AIR-AN5-23A) | | BOLT, hex-hd., S., 5/16-24NF-3 x 2 15/32 (engine cowl support bracket to cylinder head) (C1 only) | 5 | |
| H-1 | H001-0721510 | | C74378A3 (CWR-200842) | C74378 | NUT, engine cowl support bracket to cylinder head bolt (¼-28) (C1 only) | 7 | |
| H-1 | H001-4440521 | 05-2 | (AIR-AN365-524) | | NUT, S., 5/16-24NF-3 (engine cowl support bracket to cylinder head bolt) (C4 only) | 5 | |
| H-1 | H001-0811025 | | 103361 (CWR-200818) | | PIN, cotter, split, S., 1/16 x ½ (engine cowl support to cylinder head bolt) (BFAX1BC) (C1 only) | 7 | |
| | G104-0101935 | 05-1,2 | A165141 (CWR-200197) | A165141 | RIVET, engine cowl support bracket to cowl (button-hd., ⅛ x ½) | 42 | |
| | G104-1781901 | 05-1,2 | A247515 (CWR-201862) | A247515 | SCREW, engine cowl support bracket to ring (hex-hd., ⅜-16 x 1⅛) (C1 only) | 14 | |
| | G104-0103344 | | A246059 (CWR-200161) | A246059 | WASHER, engine cowl support bracket to ring screw (superseded by SCREW, CWR-203587) (C1 only) | 14 | |
| | | 05-1 | (CWR-203587) | | WASHER, engine cowl support bracket to ring screw (supersedes WASHER, G104-0103344) | 14 | |
| | | 05-2 | (AIR-AN960-516) | | WASHER, plain, S., cd-pltd., 5/16 in. (engine cowl support bracket to cylinder head bolt) (C4 only) | 5 | |
| | G104-0103270 | | A165122 (CWR-200176) | A165122 | WASHER, plain, engine cowl support bracket to cylinder head bolt (17/64 x ½ x 3/64) (superseded by WASHER, G104-7002366) (C1 only) | 7 | |
| | G104-7002366 | 05-1 | 7002366 (CWR-202705) | | WASHER, plain, engine cowl support bracket to cylinder head bolt (9/32 x ⅝ x 1/16) (supersedes WASHER, G104-0103270) (C1 only) | 7 | |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, engine cowl support bracket to ring screw (chr-ni-S., .045 diam.) | as req. | |
| | 2220-203493 | | (CWR-203493) | | BRACKET, support, engine cowl ring, left hand | 1 | |
| | 2220-203494 | | (CWR-203494) | | BRACKET, support, engine cowl ring, right hand | 1 | |
| H-1 | H101-0501808 | | (AIR-AN76-A14) | | BOLT, bracket to cowl ring | 4 | |
| | G104-0103271 | | A229735 (CWR-200891) | A229735 | WASHER, bracket to cowl ring bolt | 4 | |

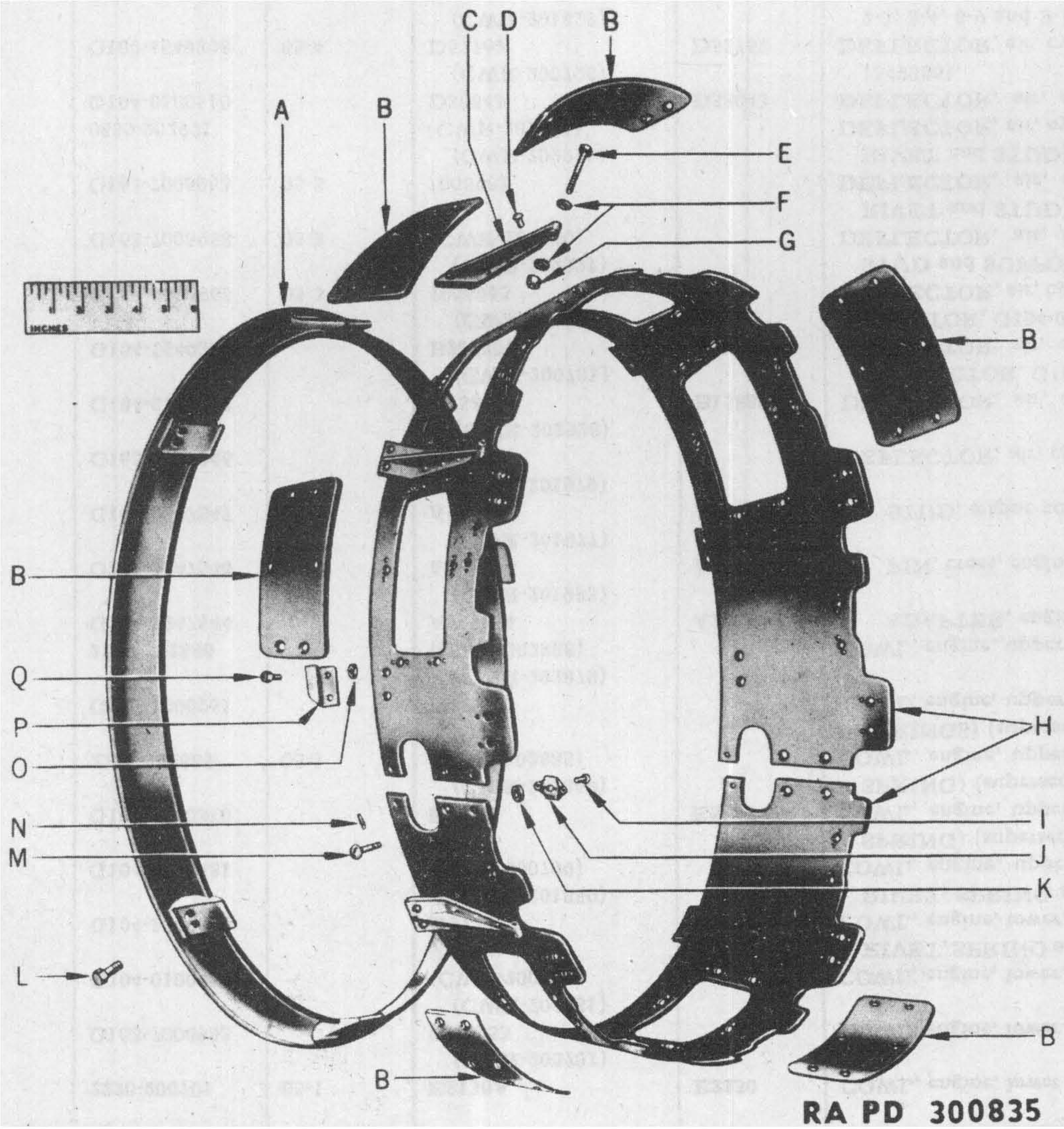
| | | | | | |
|---|---|---|---|---|---|
| G103-0206270 | | (AIR-AN960-816) | | WASHER, engine cowl ring support bracket clamp bolt | 2 |
| 2220-200676 | | A171544 (CWR-200676) | A171544 | BUSHING, cylinder air deflector clamp (C4 only) | 9 |
| G163-7006961 | 05-3 | 7006961 (CWR-202923) | | CLAMP, cylinder air deflector, left hand (C4 only) | 9 |
| 2220-203300 | | (CWR-203300) | | CLAMP, cylinder air deflector, right hand (C4 only) | 9 |
| | 05-3 | (CWR-203302) | | CLAMP, cylinder air deflector, right hand, assembly (Includes: BUSHING, HINGE and RIVET) | 9 |
| G104-0100361 | 05-1,2 | B158394 (CWR-200688) | B158394 | CLAMP, engine cowl to support ring | 3 |
| | | (AIR-AN78-14) | | BOLT, engine cowl ring support bracket clamp (C4 only) | 2 |
| | 05-2 | (AIR-AN335-4) | | NUT, engine cowl clamp screw (C4 only) | 6 |
| G104-0101186 | 05-1 | A171530 (CWR-200111) | A171530 | NUT, plain, engine cowl clamp screw (hex., ¼-20) (C1 only) | 6 |
| G104-0100180 | | A186929 (CWR-200143) | A186929 | SCREW, engine cowl clamp (superseded by SCREW, AIR-AN74-A4) (C1 only) | 6 |
| | 05-1,2 | (AIR-AN74-A4) | | SCREW, engine cowl clamp (supersedes SCREW, G104-0100180) | 6 |
| G104-0103270 | | A165122 (CWR-200176) | A165122 | WASHER, plain, engine cowl clamp screw (17/64 x ½ x 3/64) (C1 only) | 6 |
| G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, engine cowl clamp screen (chr-ni-S., .045 diam.) | as req. |
| G104-0100347 | 05-4 | B158144 (CWR-200673) | B158144 | CLAMP, flat, cylinder air deflector (C1 only) | 7 |
| G104-0100360 | 05-4 | B158395 (CWR-200772) | B158395 | CLAMP, hinged, cylinder air deflector, assembly (C1 only) | 9 |
| G104-0100361 | 05-2 | C68943 (CWR-200689) | C68943 | COVER, engine cowl | 1 |
| G104-0100451 | | B158396 (CWR-200778) | B158396 | COVER, engine cowl, assembly (Includes: ADAPTER, PIN and STUD) (superseded by COVER, G104-1540246) (C1 only) | 6 |
| G104-1540246 | 05-1 | B207313 (CWR-201981) | B207313 | COVER, engine cowl, assembly (Includes: ADAPTER, PIN and STUD) (supersedes COVER, G104-0100451) | 6 |
| G104-5247544 | | A247544 (CWR-201993) | A247544 | ADAPTER, engine cowl cover stud | 36 |
| G104-5247546 | | A247546 (CWR-201977) | A247546 | PIN, cross, engine cowl cover stud | 36 |
| G104-5247547 | | A247547 (CWR-201979) | A247547 | STUD, engine cowl cover | 36 |
| | 05-2 | (CWR-203496) | | COWL, engine, assembly (Includes: COVER assembly CWR-201981 and COWL assembly CWR-203577) (C4 only) | 1 |
| | | A175189 (CWR-200812) | A175189 | COWL, engine, assembly (Includes: CLAMPS, COVER assembly, upper and lower COWL assemblies, RING, SCREWS, WASHERS and WIRE) (superseded by COWL, G121-7001441) (C1 only) | 1 |
| G121-7001441 | | 7001441 (CWR-201848) | | COWL, engine, assembly (Includes: CLAMPS, COVER assembly, upper and lower COWL assemblies, RING, SCREWS, WASHERS and WIRE) (superseded by COWL, G104-2580610) (C1 only) | 1 |
| G104-2580610 | 01-3,05-1 | (CWR-202887) | | COWL, engine, assembly (Includes: CLAMPS, COVER assembly, upper and lower COWL assemblies, RINGS, SCREWS, WASHER and WIRE) (supersedes COWL, G121-7001441) (C1 only) | 1 |
| | 01-4 | (CWR-203577) | | COWL, engine, assembly (Includes: BRACKET, BOLT, CLAMP, upper and lower COWL, NUT, RING, RIVET and SPRING) (C4 only) | 1 |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | RING | CWR-201859 | 0502 |
| B | COWL | CWR-202885 | 0502 |
| C | RIVET | CWR-200197 | 0502 |
| D | WASHER | CWR-202705 | 0502 |
| E | BOLT | CWR-200115 | 0502 |
| F | BRACKET | CWR-201480 | 0502 |
| G | STUD | CWR-201979 | 0502 |
| H | ADAPTER | CWR-201993 | 0502 |
| I | COVER, ass'y | CWR-201981 | 0502 |
| J | RIVET | CWR-201980 | 0502 |
| K | SPRING | CWR-201976 | 0502 |
| L | SCREW | AIR-AN74-A4 | 0502 |
|  | NUT | CWR-200111 |  |
| M | CLAMP | CWR-200688 | 0502 |
| N | COWL, ass'y | CWR-202887 | 0502 |
| O | COWL | CWR-200701 | 0502 |
| P | WASHER | CWR-203587 | 0502 |
| Q | SCREW | CWR-201862 | 0502 |

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**FIGURE 05-1 — ENGINE COWL ASSEMBLY, CWR-202887 — EXPLODED VIEW (C1)**




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | RING | CWR-203489 | 0502 |
| B | COVER | CWR-200689 | 0502 |
| C | BRACKET | CWR-203308 | 0502 |
| D | RIVET | CWR-200197 | 0502 |
| E | BOLT | AIR-AN5-23A | 0502 |
| F | WASHER | AIR-AN960-516 | 0502 |
| G | NUT | AIR-AN365-524 | 0502 |
| H | COWL, ass'y | CWR-203496 | 0502 |
| I | RIVET | CWR-201980 | 0502 |
| J | SPRING | CWR-201976 | 0502 |
| K | ADAPTER | CWR-201993 | 0502 |
| L | SCREW | CWR-201862 | 0502 |
| M | STUD | CWR-201979 | 0502 |
| N | PIN | CWR-201977 | 0502 |
| O | NUT | AIR-AN335-4 | 0502 |
| P | CLAMP | CWR-200688 | 0502 |
| Q | SCREW | AIR-AN74-A4 | 0502 |

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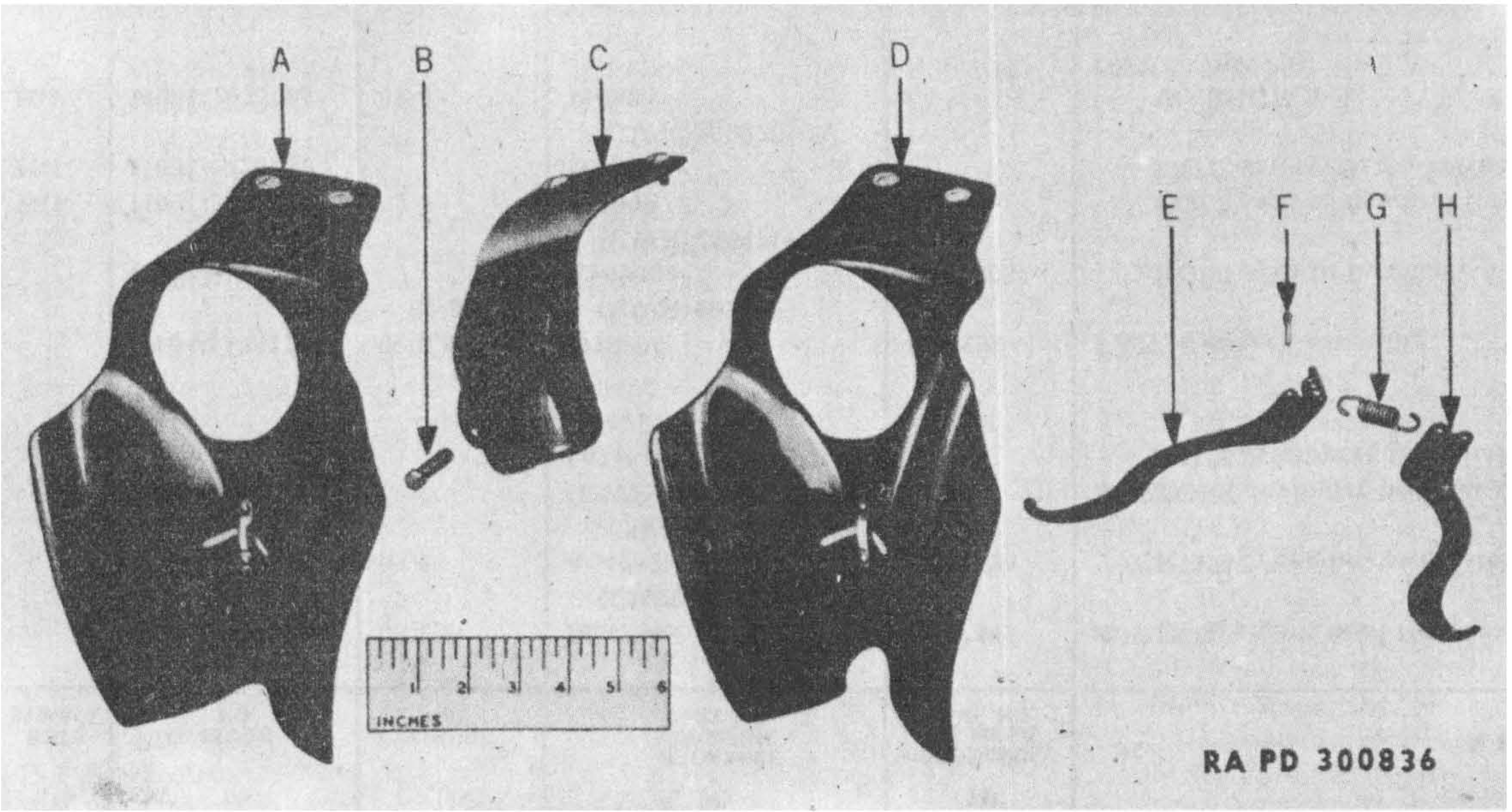
FIGURE 05-2 — ENGINE COWL ASSEMBLY, CWR-203496 — EXPLODED VIEW (C4)

# GROUP 05 — COOLING

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | 2220-200701 | 05-1 | E2130A (CWR-200701) | E2130 | COWL, engine, lower ............ (C1 only) | 1 | |
| | G163-7006953 | | 7006953 (CWR-202881) | | COWL, engine, lower ............ (C4 only) | 1 | |
| | G104-0100482 | | (CWR-200800) | | COWL, engine, lower, assembly (Includes: ADAPTER, BRACKET, NUT, PIN, RIVET, SPRING and STUD) (superseded by COWL, G104-1540300). (C1 only) | 1 | |
| | G104-1540300 | | D52774 (CWR-201850) | D52774 | COWL, engine, lower, assembly (Includes: ADAPTER, BRACKET, NUT, PIN, RIVET, SPRING and STUD) (supersedes COWL, G104-0100482).. (C1 only) | 1 | |
| | G104-0100481 | | (CWR-200799) | | COWL, engine, upper, assembly (Includes: BRACKETS, NUTS, RIVETS and SPRING) (superseded by COWL, G104-1540310)........ (C1 only) | 1 | |
| | G104-1540310 | | E6349 (CWR-201849) | E6349 | COWL, engine, upper, assembly (Includes: BRACKETS, NUTS, RIVETS and SPRING) (superseded by COWL, 2220-202885)......... (C1 only) | 1 | |
| | 2220-202885 | 05-1 | (CWR-202885) | | COWL, engine, upper, assembly (Includes: BRACKETS, NUTS, RIVETS and SPRINGS) (supersedes COWL, G104-1540310)......... (C1 only) | 1 | |
| | G163-7006951 | | 7006951 (CWR-202879) | | COWL, engine, upper ............ (C4 only) | 1 | |
| | 2220-202886 | | (CWR-202886) | | COWL, engine, upper ............ (C1 only) | 1 | |
| | G104-5247544 | | A247544 (CWR-201993) | A247544 | ADAPTER, engine cowl fastener stud ............ | 3 | |
| | G104-5247546 | 05-2 | A247546 (CWR-201977) | A247546 | PIN, cross, engine cowl fastener stud ............ | 3 | |
| | G104-5247547 | 05-2 | A247547 (CWR-201979) | A247547 | STUD, engine cowl fastener ............ | 3 | |
| | G163-7006966 | | 7006966 (CWR-202928) | | DEFLECTOR, air, cylinder head ............ (C4 only) | 9 | |
| | G104-0100512 | | B158397 (CWR-200781) | B158397 | DEFLECTOR, air, cylinder head, assembly (cylinder No. 7) (superseded by DEFLECTOR, G104-1549304)............ (C1 only) | 1 | |
| | G104-1549304 | | B207300 (CWR-201834) | B207300 | DEFLECTOR, air, cylinder head, assembly (cylinder No. 7) (supersedes DEFLECTOR, G104-0100512)............ (C1 only) | 1 | |
| | G163-7006965 | 05-3 | 7006965 (CWR-202927) | | DEFLECTOR, air, cylinder head, assembly (Includes: ADAPTER, PIN, RIVET, STUD and SUPPORT)............ | 9 | |
| | G163-7006958 | 05-3 | (CWR-202920) | | DEFLECTOR, air, cylinder, assembly (Includes: ADAPTER, HOOK, PIN, RIVET and STUD) (between all cylinders except No. 5, 6)............ | 8 | |
| | G163-7006963 | 05-3 | 7006963 (CWR-202925) | | DEFLECTOR, air, cylinder, assembly (Includes: ADAPTER, HOOK, PIN, RIVET and STUD) (between cylinders No. 5, 6)............ | 1 | |
| | 0850-202921 | | (CWR-202921) | | DEFLECTOR, air, cylinder (between all cylinders except No. 5, 6).... (C4 only) | 8 | |
| | G104-0100510 | | D38043 (CWR-200798) | D38043 | DEFLECTOR, air, cylinder, assembly (superseded by DEFLECTOR, G104-1549306)............ (C1 only) | 5 | |
| | G104-1549306 | 05-4 | D52762 (CWR-201827) | D52762 | DEFLECTOR, air, cylinder, assembly (Includes: BRACE) (between cylinder 1-2, 2-3, 3-4, 8-9 and 9-1) (supersedes DEFLECTOR, G104-0100510).... (C1 only) | 5 | |
| | G081-0118450 | | D38042 (CWR-200797) | D38042 | DEFLECTOR, air, cylinder, assembly (superseded by DEFLECTOR, G104-2149320)............ (C1 only) | 2 | |
| | G104-2149320 | 05-4 | D52763 (CWR-201828) | D52763 | DEFLECTOR, air, cylinder, assembly (Includes: BRACE) (between cylinders 4-5 and 6-7) (supersedes DEFLECTOR, G081-0118450)............ (C1 only) | 2 | |

| | | | | | |
|---|---|---|---|---|---|
| G104-0100492 | | D38045 (CWR-200807) | D38045 | DEFLECTOR, air, cylinder, assembly (superseded by DEFLECTOR, G104-0100492) ........ (C1 only) | 1 |
| G128-0149315 | 05-4 | D38045 (CWR-201829) | D38045 | DEFLECTOR, air, cylinder, assembly (Includes: BRACE) (between 7-8) (supersedes DEFLECTOR, G104-0100492) ........ (C1 only) | 1 |
| G104-0100505 | | D34736 (CWR-200773) | D34736 | DEFLECTOR, air, cylinder head, assembly (all heads except No. 7) (superseded by DEFLECTOR, G104-1549308) ........ | 8 |
| G104-1549308 | 05-4 | D52768 (CWR-201833) | D52768 | DEFLECTOR, air, cylinder head, assembly (supersedes DEFLECTOR, G104-0100505) ........ (C1 only) | 8 |
| G104-0100491 | | D38044 (CWR-200805) | D38044 | DEFLECTOR, air, cylinder, assembly (superseded by DEFLECTOR, G104-1549307) ........ (C1 only) | 1 |
| G104-1549307 | 05-4 | D52765 (CWR-201830) | D52765 | DEFLECTOR, air, cylinder, assembly (Includes: BRACE) (between cylinders 5-6) (supersedes DEFLECTOR, G104-0100491) ........ (C1 only) | 1 |
| G118-0214101 | | A171545 (CWR-200677) | A171545 | HINGE, cylinder air deflector clamp ........ (C4 only) | 9 |
| | | (AIR-AN435-4-4P) | | RIVET, hinge to deflector ........ (C4 only) | 9 |
| 2220-203301 | | (CWR-203301) | | HOOK, clamp, cylinder air deflector ........ (C4 only) | 8 |
| | | (AIR-AN-435-4-5P) | | RIVET, cylinder air deflector clamp hook to deflector ........ (C4 only) | 18 |
| A054-0338945 | 05-3 | (AIR-AN380-2-2) | | PIN, cotter, lock, cylinder air deflector clamp ........ | 9 |
| G104-1769773 | 05-1 | D52769 (CWR-201859) | D52769 | RING, support, engine cowl ........ (C1 only) | 1 |
| | 05-2 | (CWR-203489) | | RING, support, engine cowl ........ (C4 only) | 1 |
| G104-0103222 | 05-4 | B167956 (CWR-200183) | B167956 | ROD, tie, cylinder air deflector, oil sump, assembly ........ (C1 only) | 1 |
| G104-0102671 | 05-3,4 | A171151 (CWR-200674) | A171151 | SPRING, cylinder air deflector clamp ........ | 9 |



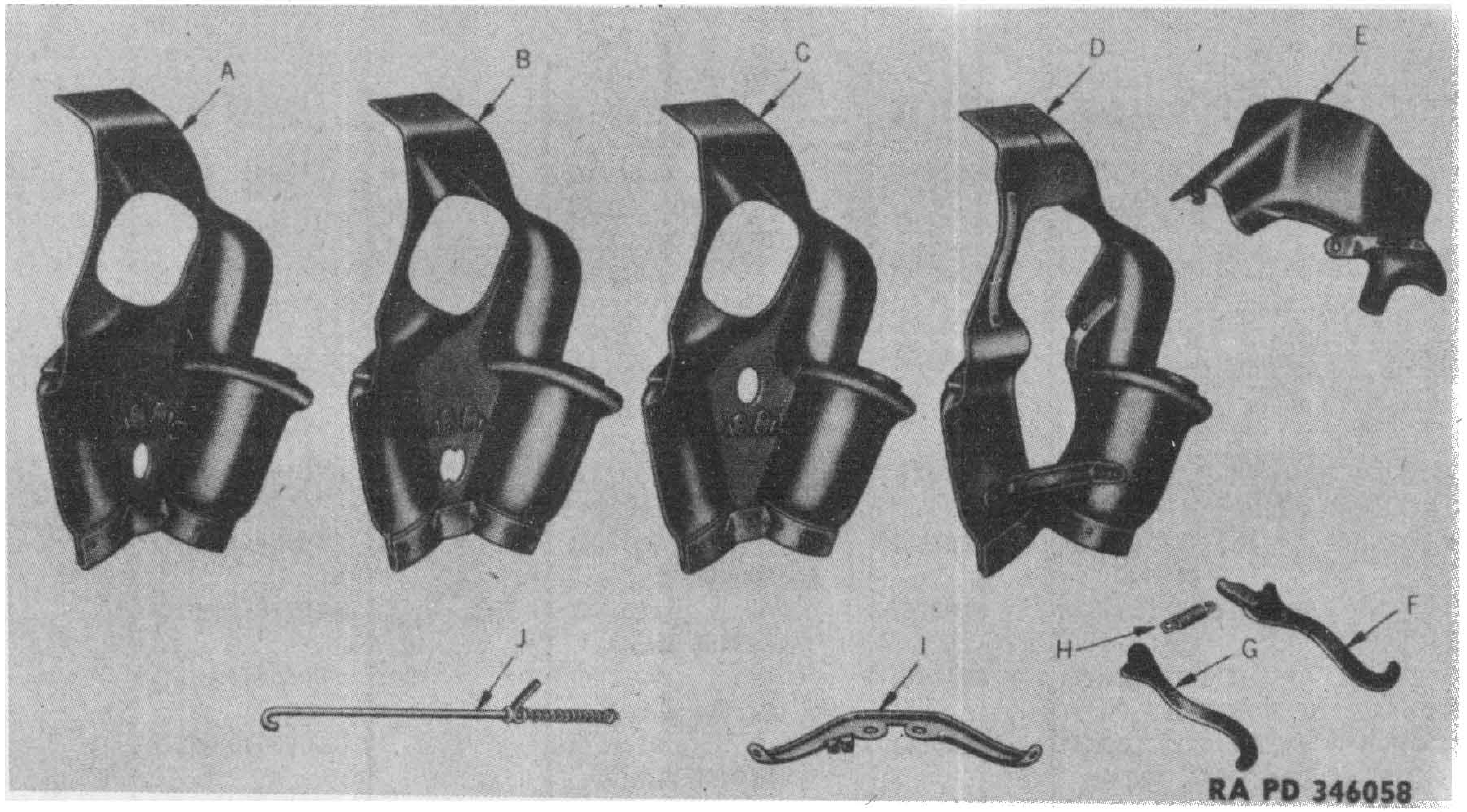



| Key | Item | Part Number | Group |
|---|---|---|---|
| A | DEFLECTOR, ass'y | CWR-202920 | 0502 |
| B | SCREW | CWR-203287 | 0108 |
| C | DEFLECTOR, ass'y | CWR-202927 | 0502 |
| D | DEFLECTOR, ass'y | CWR-202925 | 0502 |
| E | CLAMP, ass'y | CWR-203302 | 0502 |
| F | PIN | AIR-AN380-2-2 | 0502 |
| G | SPRING | CWR-200674 | 0502 |
| H | CLAMP | CWR-202923 | 0502 |

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**FIGURE 05-3 — ENGINE CYLINDER HEAD AIR DEFLECTORS**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-5247545 | 05-1,2 | A247545 (CWR-201976) | A247545 | SPRING, engine cowl fastener | 84 | |
| | G104-5247526 | 05-2 | A247526 (CWR-201980) | A247526 | RIVET, engine cowl fastener spring | 168 | |
| | 2220-203303 | | (CWR-203303) | | SUPPORT, cylinder head air deflector (C4 only) | 9 | |
| | | | (AIR-AN435-6-6P) | | RIVET, support to cylinder head air deflector (C4 only) | 18 | |
| | | | | | **0505—FAN** | | |
| | G104-1578127 | 01-3,4 02-3,5 | D78195 (CWR-202055) | D78195 | FAN, flywheel, assembly | 1 | |
| | G104-0100170 | | A169303 (CWR-200871) | A169303 | BOLT, fan to flywheel | 12 | |
| H-1 | H001-5458540 | 02-5 | 181697 | | BOLT, fan to flywheel (use only with CLUTCH, 7067270) | 12 | |
| H-1 | H001-0725680 | | 503322 (CWR-200876) | | NUT, safety, S., ½-20NF-3 (BBSX4AE) | 12 | |
| H-1 | H001-7025801 | 02-5 | 120384 | | WASHER, lock, reg., S., cd. pltd., ½ in. (BECX1M-1) (use only with CLUTCH, 7067270) | 12 | |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | DEFLECTOR, ass'y | CWR-201827 | 0502 |
| B | DEFLECTOR, ass'y | CWR-201828 | 0502 |
| C | DEFLECTOR, ass'y | CWR-201829 | 0502 |
| D | DEFLECTOR, ass'y | CWR-201830 | 0502 |
| E | DEFLECTOR, ass'y | CWR-201833 | 0502 |
| F | CLAMP, ass'y | CWR-200772 | 0502 |
| G | CLAMP | CWR-200673 | 0502 |
| H | SPRING | CWR-200674 | 0502 |
| I | BRACE | CWR-200727 | 0502 |
| J | ROD, ass'y | CWR-200813 | 0502 |

RA PD 346058A

**FIGURE 05-4 — CYLINDER AIR DEFLECTORS (C1)**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | **All parts for both the R975-C1 and C4 engines are listed in this group. Parts that are peculiar only to one engine carry the notation "(C1 only)" or "(C4 only)" all other parts not so noted are common to both the R975-C1 and C4 engines.** | | |
| | | | | | **0601.1—AUTO-LITE GENERATOR** | | |
| | | | | | **(Generator mounting parts for both Auto-Lite and Delco-Remy Generators are listed in alphabetical sequence in Group 0601.1)** | | |
| | G104-1510323 | 06-1 | B167570 (AL-GBY-34) | B167570 | ARM, generator brush | 4 | |
| | G104-1510350 | 06-1 | (AL-GFR-2055F) | | ARMATURE, generator, assembly | 1 | |
| | G104-1515747 | 06-1 | (AL-GBG-24B) | | BAND, head, generator | 1 | |
| H-1 | H001-4139681 | 06-1 | (AL-8X-794) | | NUT, sq., S., cd-pltd., No. 10 (.190)-32NF-2 | 1 | |
| | G104-1781846 | 06-1 | (AL-GFM-4) | | SCREW, fil-hd., S., No. 10 (.190)-32NF-2 x 1¼ | 1 | |
| H-12 | H012-1384025 | 06-1 | 700934 (AL-X-1709) (ND-87505) | | BEARING, ball, generator armature, commutator end | 1 | |
| H-12 | H012-1321025 | 06-1 | A347627 (AL-X-1699) | A347627 | BEARING, ball (type A, annular, single row, shielded) (generator armature, drive end) (SAE-305) | 1 | |
| | G212-5384622 | | A384622 | A384622 | BEARING, generator mounting swivel | 4 | |
| | G104-2118353 | | B207900A | B207900 | BELT, generator | 2 | |
| | G104-0500352 | 06-1 | (AL-GFR-60) | | BRACKET, generator commutator end head terminal shield | 1 | |
| | G104-0503267 | 06-1 | (AL-GFM-4D) | | SCREW, fil-hd., S., No. 10 (.190)-32NF-2 x 5/16 | 2 | |
| H-1 | H001-5089341 | 06-1 | 420089 (AL-8X-61) | | SCREW, fl-hd., S., cd-pltd., No. 10 (BCLX1AE-1) | 1 | |
| H-1 | H001-7025621 | 06-1 | 120217 (AL-12X-196) | | WASHER, lock, reg., S., cd-pltd., No. 10 (BECX1E-1) | 2 | |
| | | 07-1 | D90003 | D90003 | BRACKET, mounting, generator to transmission | 1 | |
| H-1 | H001-0719007 | | 216356 | | NUT, reg., hex., s-fin., alloy-S., ⅝-18NF-2 (BBBX2BA) | 6 | |
| | G104-5347207 | | A347207 | A347207 | STUD, generator bracket to transmission | 6 | |
| H-1 | H001-1518013 | | 103325 | | WASHER, lock, reg., S., ⅝ (BECX1P) | 6 | |
| | G104-1526218 | 06-1 | (AL-GFR-1012) | | BRUSH, generator (also part of BRUSH SET, G104-2126262) | 4 | |
| | G104-2126262 | | (AL-GFR-2012S) | | BRUSH SET, generator | 1 | |
| | | | | | (Consists of: | | |
| | | | (AL-GFR-1012) | | 4 BRUSH) | | |
| | G104-2128054 | 06-1 | (AL-GFR-70) | | BUSHING, insulating, generator armature terminal post | 1 | |
| | G104-1527686 | 06-1 | (AL-GFR-91) | | BUSHING, insulating, generator commutator end head cover stud | 1 | |
| | 2980-GFR-76 | 06-1 | (AL-GFR-76) | | BUSHING, insulating, generator field terminal post | 1 | |
| | G104-2575605 | 06-1 | (AL-GFR-89) | | CLAMP, generator condenser | 2 | |
| H-1 | H101-0149059 | 06-1 | (AL-8X-78) | | SCREW, fl-hd., S., No. 8 (.164)-32NF-2 x 9/16 | 2 | |
| H-1 | H101-0178362 | | (AL-X-2885) | | WASHER, shakeproof, condenser screw | 2 | |
| | G104-1539861 | 06-1 | (AL-IGH-3076A) | | CONDENSER, generator, w/CABLE, assembly | 2 | |

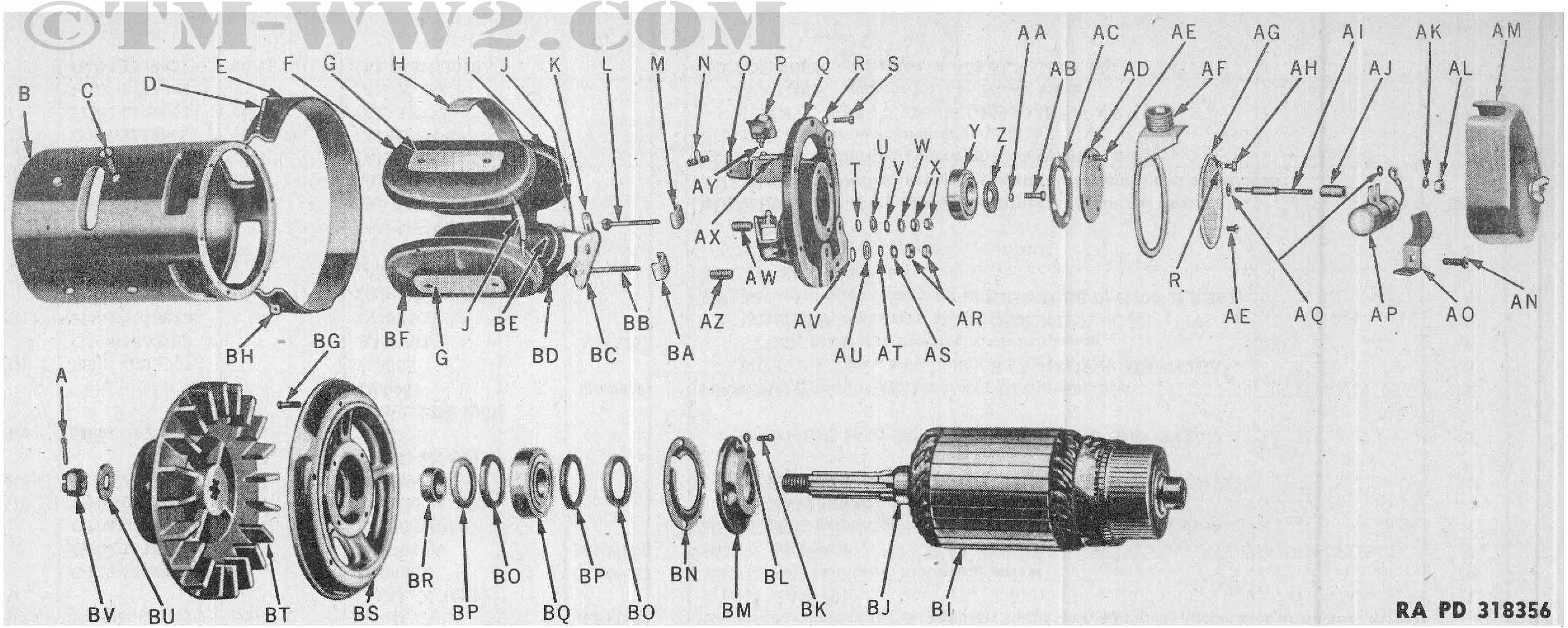



**FIGURE 06-1 — AUTO-LITE GENERATOR w/PULLEY ASSEMBLY (D52488D) — EXPLODED VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PIN | AL-8X-405 | 0601.1 |
| B | FRAME, ass'y | AL-GFR-3088 | 0601.1 |
| C | SCREW (furnished only as part of FRAME, ass'y AL-GFR-3088) | | 0601.1 |
| D | SCREW | AL-GFM-4 | 0601.1 |
| E | BAND | AL-GBG-24B | 0601.1 |
| F | COIL (furnished only as part of FRAME, ass'y AL-GFR-3088) | | 0601.1 |
| G | POLE (furnished only as part of FRAME, ass'y AL-GFR-3088) | | 0601.1 |
| AI | STUD | AL-GFR-90 | 0601.1 |
| AJ | BUSHING | AL-GFR-91 | 0601.1 |
| AK | WASHER | AL-8X-357 | 0601.1 |
| AL | NUT | 120375 | 0601.1 |
| AM | COVER, ass'y | AL-GFR-1064 | 0601.1 |
| AN | SCREW | AL-8X-78 | 0601.1 |
| AO | CLAMP | AL-GFR-89 | 0601.1 |
| AP | CONDENSER, ass'y | AL-IGH-3076A | 0601.1 |
| AQ | WASHER | AL-X-1272 | 0601.1 |
| AR | NUT | AL-8X-832 | 0601.1 |
| AS | WASHER | 120214 | 0601.1 |
| AT | WASHER | 106262 | 0601.1 |
| AU | WASHER | AL-GFR-25 | 0601.1 |

| Key | Part | Part Number | Group |
|---|---|---|---|
| H | INSULATION (furnished only as part of FRAME, ass'y AL-GFR-3088) | | 0601.1 |
| I | COIL (furnished only as part of FRAME, ass'y AL-GFR-3088) | | 0601.1 |
| J | TUBE (furnished only as part of FRAME, ass'y AL-GFR-3088) | | 0601.1 |
| K | TERMINAL | AL-X-14425 | 0601.1 |
| L | POST | AL-GFR-71 | 0601.1 |
| M | INSULATION | AL-GFR-84 | 0601.1 |
| N | SPRING | AL-GCE-53A | 0601.1 |
| O | ARM | AL-GBY-34 | 0601.1 |
| P | BRUSH | AL-GFR-1012 | 0601.1 |
| Q | HEAD, ass'y | AL-GFR-3052A | 0601.1 |
| R | WASHER | 120217 | 0601.1 |
| S | SCREW | AL-GFM-4E | 0601.1 |
| T | WASHER | AL-GFR-75 | 0601.1 |
| U | WASHER | AL-GFR-77 | 0601.1 |
| V | WASHER | 120392 | 0601.1 |
| W | WASHER | 131098 | 0601.1 |
| X | NUT | 120367 | 0601.1 |
| Y | BEARING | 700934 | 0601.1 |
| Z | PLATE | AL-GFR-40 | 0601.1 |
| AA | WASHER | AL-X-1020 | 0601.1 |
| AB | SCREW | AL-GFR-41 | 0601.1 |
| AC | GASKET | AL-GDJ-27 | 0601.1 |
| AD | COVER | AL-GFR-59 | 0601.1 |
| AE | SCREW | 420089 | 0601.1 |
| AF | SHIELD, ass'y | AL-GFR-1061 | 0601.1 |
| AG | BRACKET | AL-GFR-60 | 0601.1 |
| AH | SCREW | AL-GFM-4D | 0601.1 |
| AV | WASHER | AL-GFR-24 | 0601.1 |
| AW | BUSHING | AL-GFR-76 | 0601.1 |
| AX | WASHER | 106496 | 0601.1 |
| AY | SCREW | 131954 | 0601.1 |
| AZ | BUSHING | AL-GFR-70 | 0601.1 |
| BA | INSULATION | AL-GFR-83 | 0601.1 |
| BB | POST (furnished only as part of LEAD, ass'y AL-GFR-69) | | 0601.1 |
| BC | LEAD, ass'y | AL-GFR-69 | 0601.1 |
| BD | TUBE | AL-GFR-80 | 0601.1 |
| BE | COIL (furnished only as part of FRAME, ass'y AL-GFR-3088) | | 0601.1 |
| BF | COIL (furnished only as part of FRAME, ass'y AL-GFR-3088) | | 0601.1 |
| BG | SCREW | AL-8X-1713 | 0601.1 |
| BH | NUT | AL-8X-794 | 0601.1 |
| BI | ARMATURE, ass'y | AL-GFR-2055F | 0601.1 |
| BJ | SPACER | AL-GFR-57 | 0601.1 |
| BK | SCREW | AL-GFM-48 | 0601.1 |
| BL | WASHER | 106497 | 0601.1 |
| BM | RETAINER, ass'y | AL-GBG-1056 | 0601.1 |
| BN | GASKET | AL-GBG-50 | 0601.1 |
| BO | WASHER | AL-GBG-58 | 0601.1 |
| BP | RETAINER | AL-GBG-57 | 0601.1 |
| BQ | BEARING | AL-X-1699 | 0601.1 |
| BR | WASHER | AL-GBG-58 | 0601.1 |
| BS | RETAINER | AL-GBG-57 | 0601.1 |
| BT | PULLEY | AL-SP-687 | 0601.1 |
| BU | WASHER | 103334 | 0601.1 |
| BV | NUT | AL-8X-1717 | 0601.1 |

RA PD 318356E

# GROUP 06 — ELECTRICAL



| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0500951 | 06-1 | (AL-GFR-59) | | COVER, generator commutator end head cap | 1 | |
| H-1 | H001-5089341 | 06-1 | 420089 (AL-8X-61) | | SCREW, fl-hd., S., cd-pltd., No. 10 (BCLX1AE-1) | 3 | |
| | G104-0500952 | 06-1 | (AL-GFR-1064) | | COVER, generator, field and armature terminal, w/wing NUT, assembly | 1 | |
| | | | D80465 | D80465 | CRADLE, support, generator mounting | 1 | |
| | G212-5384623 | | A384623 | A384623 | BOLT, generator support cradle to mounting bracket | 1 | |
| H-1 | H001-0714260 | | 218469 | | NUT, castle, alloy-S., ⅝-18NF-2 (BBFX2BA) | 1 | |
| H-1 | H001-0811058 | | 103387 | | PIN, cotter, split, S., ⅛ x 2½ (BFAX1DK) | 1 | |
| | G104-2188252 | 06-1 | (AL-GFR-3088) | | FRAME, generator, w/FIELD, assembly | 1 | |
| | G104-1593838 | 06-1 | A175280 (AL-GDJ-27) | A175280 | GASKET, generator commutator end head | 1 | |
| | G067-0902820 | 06-1 | (AL-GBG-50) | | GASKET, generator drive end head bearing retainer | 1 | |
| | G104-2693201 | 06-1 | D52488D (AL-GFR-4804B) | D52488 | GENERATOR, w/PULLEY, assembly (24 volt) (optional with Delco-Remy GENERATOR G200-6578456) | 1 | |
| | G104-0501426 | 06-1 | (AL-GFR-3052A) | | HEAD, generator, commutator end, assembly (Includes: BRUSHES and LEAD) | 1 | |
| | G104-1781953 | 06-1 | (AL-GFM-4E) | | SCREW, fil-hd., S., No. 10 (.190)-32NF-2 x ¾ | 6 | |
| H-1 | H001-7025621 | 06-1 | 120217 (AL-12X-196) | | WASHER, lock, reg., S., cd-pltd., No. 10 (BECX1E-1) | 6 | |
| | G104-0501427 | | (AL-GFR-1054) | | HEAD, generator, drive end, assembly (Includes: BEARING, RETAINER and WASHER) | 1 | |
| H-1 | H101-0133645 | 06-1 | (AL-8X-1713) | | SCREW, fl-hd., S., No. 10 (.190)-32NF-2 x 1 | 6 | |
| | G104-2232813 | 06-1 | (AL-GFR-83) | | INSULATION, generator armature terminal post, inner | 1 | |
| | G104-2232814 | 06-1 | (AL-GFR-84) | | INSULATION, generator field terminal post, inner | 1 | |
| | G104-2273840 | 06-1 | (AL-GFR-69) | | LEAD, generator brush, assembly (Includes: POST and TERMINALS) | 1 | |
| H-1 | H001-5125811 | 06-1 | 131954 (AL-GFM-18A) | | SCREW, fil-hd., S., cd-pltd., No. 8 (.164)-32NF-2 x ¼ (BCFX2AB-1) | 3 | |
| H-1 | H001-1518004 | 06-1 | 106496 (AL-X-195) | | WASHER, lock, internal teeth, S., No. 8 (BECX1D) | 3 | |
| | G104-2861295 | | A381126 | A381126 | LOCK, generator mounting adjusting sleeve | 1 | |
| H-1 | H001-4015621 | | BBFX2B-1 (AL-8X-1717) | BBFX2 | NUT, castle, S., ⅝-18NF-2 generator armature shaft | 1 | |
| | G104-2314895 | 06-1 | (AL-8X-832) | | NUT, hex., generator armature terminal post (s-fin., cd-pltd., S., 5/16-24NF-2) | 2 | |
| H-1 | H001-4167521 | 06-1 | 120367 (AL-8X-1063) | | NUT, hex., s-fin., S., cd-pltd., ¼-28NF-2 (generator field terminal post) (BBTX-1BB-1) | 2 | |
| H-1 | H001-4167501 | 06-1 | 120375 (AL-8X-163) | | NUT, hex., S., cd-pltd., ¼-20 (generator commutator end head cover terminal stud) (BBTX1AB-1) | 1 | |
| H-1 | H001-4417531 | | (AL-8X-405) | | PIN, cotter, 3/32 x 1⅛ (generator armature shaft nut) (BFAX1CH-1) | 1 | |
| H-1 | H001-0824020 | | 111840 | | PIN, tapered, .003 x ¾ (generator mounting swivel bearing) (BFCX1AB) | 4 | |
| | G104-1740229 | 06-1 | (AL-GFR-40) | | PLATE, retaining, generator commutator end head bearing | 1 | |
| | G104-1781925 | 06-1 | (AL-GFR-41) | | SCREW, generator commutator retaining plate (hex-hd., S., ¼-28 x ⅝) | 1 | |
| | G128-0443021 | 06-1 | (AL-X-1020) | | WASHER, lock, generator commutator retaining plate screw (S., ¼) | 1 | |
| | G104-2398808 | 06-1 | (AL-GFR-71) | | POST, terminal, generator field (¼-28 thd.) | 1 | |
| | G104-2994107 | 06-1 | B206331A (AL-SP-687) | B206331 | PULLEY, drive, generator, w/FAN | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| H-1 | H001-4015621 | 06-1 | BBFX2B-1 (AL-8X-1717) | BBFX2 | NUT, castle, S., cd-pltd., 5/8-18NF-2 | 1 |
| H-1 | H001-4417531 | 06-1 | BFAX1CH-1 (AL-8X-405) | BFAX1 | PIN, cotter, split, S., cd-pltd., 3/32 x 1 1/8 | 1 |
| H-1 | H001-7023871 | 06-1 | 103334 (AL-8X-1018) | | WASHER, plain, S., cd-pltd., 5/8 (BECX2P-1) | 1 |
| | G067-0904600 | 06-1 | (AL-GBG-57) | | RETAINER, generator drive end head and bearing retainer felt washer | 2 |
| | G067-0904590 | 06-1 | (AL-GBG-1056) | | RETAINER, generator drive end head bearing, assembly (Includes: WASHER and RETAINER) | 1 |
| | G104-2382186 | 06-1 | (AL-GFM-4B) | | SCREW, generator drive bearing retainer (fil-hd., S., No. 10 (.190)-32NF-2 x 1/2) | 4 |
| H-1 | H001-1518005 | 06-1 | 106497 (AL-X-196) | | WASHER, lock, reg., S., No. 10 (BECX1E) | 4 |
| | G212-5384621 | | A384621 | A384621 | SCREW, generator mounting swivel | 1 |
| | G104-0503781 | 06-1 | (AL-GFR-1061) | | SHIELD, generator field and armature terminal, w/COUPLING, assembly | 1 |
| | G104-2389421 | 06-1 | (AL-GFR-57) | | SPACER, generator armature shaft, inner | 1 |
| | G104-2389420 | 06-1 | (AL-GFR-56) | | SPACER, generator armature shaft, outer | 1 |
| | 2980-GCE-53A | 06-1 | (AL-GCE-53A) | | SPRING, generator brush | 4 |
| | G104-3087405 | 06-1 | (AL-GFR-90) | | STUD, generator commutator end head terminal cover (1/4-20 x 2 7/8) | 1 |
| | G104-3077000 | | A381114 | A381114 | SLEEVE, adjusting, generator mounting, assembly | 1 |
| | G104-2392198 | | B259868 | B259868 | STRAP, securing, generator mounting, assembly (Includes: END, PIN and WASHER) | 2 |
| H-1 | H001-0116028 | | 227530 | | BOLT, hex-hd., s-fin., alloy-S., 3/8-16NC-2 x 1 1/2 (BANX1CE) | 2 |
| H-1 | H001-0811027 | | 103362 | | PIN, cotter, split, S., 1/16 x 3/4 (BFAX1BE) | 2 |
| | G104-2338693 | | A297663 | A297663 | PIN, generator mounting strap center hinge and strap end hinge to cradle (rod end, S., .370 diam., 1 13/16 lgh.) | 4 |
| H-1 | H001-1530009 | | 103341 | | WASHER, plain, S., SAE std., 3/8 (BEBX1K) | 4 |
| H-1 | H001-1518009 | | 103321 | | WASHER, lock, reg., S., 3/8 (BECX1K) | 2 |
| | G104-5384619 | | A384619 | A384619 | SWIVEL, mounting, generator, bottom | 1 |
| | G104-5384620 | | A384620 | A384620 | SWIVEL, mounting, generator, top | 1 |
| | G156-0398801 | 06-1 | (AL-X-1425) | | TERMINAL, generator field connection (1), brush lead (2) (mitre type, br., 1 1/64 bolt hole) | 3 |
| | G104-2407820 | 06-1 | (AL-GFR-80) | | TUBE, insulating, generator field connection | 1 |
| | G067-0906680 | 06-1 | (AL-GBG-58) | | WASHER, felt, generator drive end head and bearing retainer | 2 |
| | G128-0443020 | 06-1 | (AL-GFR-25) | | WASHER, insulating, generator armature terminal post, large, outer (1/8 thk.) | 1 |
| | G128-0443019 | 06-1 | (AL-GFR-24) | | WASHER, insulating, generator armature terminal post, small, outer (.021 thk.) | 1 |
| | G104-0504782 | 06-1 | (AL-GFR-77) | | WASHER, insulating, generator field terminal post, small, outer (1/4 I.D. x 9/16 O.D. x 1/8 thk.) | 1 |
| | G104-0504783 | 06-1 | (AL-GFR-75) | | WASHER, insulating, generator field terminal post, large, outer (1/4 I.D. x 13/16 O.D. x 1/32 thk.) | 1 |
| H-1 | H001-7023871 | | 103334 (AL-8X-1018) | | WASHER, lock, lgt., S., cd-pltd., 5/8 (generator armature shaft) (BECX2P-1) | 1 |
| | G104-3188845 | 06-1 | (AL-X-1272) | | WASHER, lock, generator commutator end head terminal cover stud (internal teeth, cd-pltd., S., 1/4) | 2 |
| H-1 | H001-7018681 | 06-1 | 131098 (AL-12X-199) | | WASHER, lock, lgt., S., cd-pltd., 1/4 (generator field coil terminal post) (BECX3G-1) | 1 |
| H-1 | H001-7025711 | 06-1 | 120214 (AL-12X-1014) | | WASHER, lock, reg., S., cd-pltd., 5/16 (generator armature terminal post) (BECX1H-1) | 1 |
| H-1 | H001-1531003 | 06-1 | 106262 (AL-MU-37D) | | WASHER, plain, S., 5/16 (generator armature terminal post) (BEBX2C) | 1 |
| | G104-0504781 | 06-1 | (AL-8X-357) | | WASHER, plain, S., 1/4 (generator commutator end head cover stud) | 1 |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| H-1 | H001-7043681 | 06-1 | 120392 (AL-8X-361) | | WASHER, plain, S., cd-pltd., ¼ (generator field terminal post) (BEBX1G-1) | 1 | |
| | | | | | **0601.5—DELCO-REMY GENERATOR** **(Generator mounting parts for both Auto-Lite and Delco-Remy Generators are listed in alphabetical sequence in Group 0601.1)** | | |
| | G104-2521005 | 06-2 | (DR-1902447) | | ARM, generator brush | 4 | |
| | G212-5615042 | 06-2 | C115042 (DR-1902020) | C115042 | ARMATURE, generator, assembly | 1 | |
| | G104-2531568 | | (DR-1902051) | | BAIL, generator terminal shield | 1 | |
| | G104-2531800 | 06-2 | (DR-1902441) | | BAND, cover, generator, commutator end | 1 | |
| | 2580-1903678 | 06-2 | A410278 (DR-1903678) | A410278 | BASE, generator terminal shield, w/BAIL, assembly | 1 | |
| H-12 | H012-1377020 | 06-2 | B327286 (DR-954243) | B327286 | BEARING, ball, generator armature, commutator end | 1 | |
| H-12 | H012-1376012 | 06-2 | (DR-954162) | | BEARING, ball, generator armature, drive end | 1 | |
| | | | B207900A | B207900 | BELT, generator | 2 | |
| | G104-1525879 | 06-2 | A214713 (DR-825186) | A214713 | BRACKET, generator brush terminal | 4 | |
| | G104-2555040 | 06-2 | A410276 (DR-1902261) | A410276 | BRUSH, generator, assembly | 4 | |
| H-1 | H101-0132887 | 06-2 | (DR-1903089) | | SCREW, generator brush lead | 4 | |
| | G104-7000152 | 06-2 | 7000152 (DR-1901425) | | WASHER, lock, generator brush lead screw | 4 | |
| | G104-2556027 | 06-2 | (DR-1902450) | | BUSHING, insulating, generator "A" terminal stud | 1 | |
| | G104-1527823 | 06-2 | A214711 (DR-825190) | A214711 | BUSHING, insulating, generator brush holder stud and screw | 4 | |
| | G104-2556028 | 06-2 | (DR-1902056) | | BUSHING, insulating, generator "F" terminal stud | 1 | |
| | G104-1527822 | 06-2 | A214712 (DR-825185) | A214712 | BUSHING, steel, generator brush holder stud | 4 | |
| | G104-2575616 | 06-2 | (DR-1902052) | | CLAMP, generator terminal shield base | 1 | |
| H-1 | H001-5089341 | 06-2 | 420089 (DR-1903088) | | SCREW, mach., fl-hd., cd-pltd., S., No. 2 (.086)-64NF-2 x ⅜ | 3 | |
| | G104-2576552 | | C115043A (DR-1902437) | C115043 | COIL, generator field, upper right | 1 | |
| | G104-2576553 | | C115043B (DR-1902438) | C115043 | COIL, generator field, upper left | 1 | |
| | G104-2576555 | | C115043C (DR-1902439) | C115043 | COIL, generator field, lower left | 1 | |
| | G104-2576554 | | C115043D (DR-1902440) | C115043 | COIL, generator field, lower right | 1 | |
| | G104-2577007 | 06-2 | (DR-1902024) | | COLLAR, spacer, generator pulley, drive end, outside | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G122-0139461 | 06-2 | A302260 (DR-1901204) | A302260 | CONDENSER, generator | 2 |
| H-1 | H001-5089361 | 06-2 | 120612 | | SCREW, slotted, fl-hd., S., No. 10-32 x 5/8 | 2 |
| H-1 | H001-7016561 | 06-2 | 138597 | | WASHER, lock, external teeth, countersunk, S., cd-pltd., No. 10 (BEAX4C-1) | 2 |
| | G104-2580198 | 06-2 | (DR-1902053) | | COVER, generator terminal shield | 1 |
| | G104-2676857 | 06-2 | (DR-1902035) | | FRAME, generator commutator end | 1 |
| H-1 | H001-5418341 | 06-2 | 123450 (DR-1903090) | | SCREW, cap, hex-hd., S., cd-pltd., 1/4-28NF-3x3/4(BCVX2BH-1) | 6 |
| | G163-0443049 | 06-2 | (DR-1900310) | | WASHER, lock, generator commutator end frame | 6 |
| | G212-6237288 | 06-2 | B327288 (DR-1902034) | B327288 | FRAME, generator, commutator end, assembly (Includes: BUSHINGS, FRAME, INSULATION, NUTS, PLATE, SCREWS and WASHERS) | 1 |
| | G104-2676859 | 06-2 | (DR-1902033) | | FRAME, generator, drive end | 1 |
| H-1 | H001-5418341 | 06-2 | 123450 (DR-1903090) | | SCREW, cap, hex-hd., S., cd-pltd., 1/4-28NF-3 x 3/4 (BCVX2BH-1) | 6 |
| | G163-0443049 | 06-2 | (DR-1900310) | | WASHER, lock, generator drive end frame | 6 |
| | G200-6578456 | | D78456 (DR-1117309) | D78456 | GENERATOR, assembly (Includes: FAN, NUT, PIN, PULLEY and WASHER) (optional with Auto-Lite GENERATOR G104-2693201) | 1 |
| | 2580-1904114 | 06-2 | (DR-1904114) | | GENERATOR, w/FAN, assembly (optional with Auto-Lite GENERATOR G104-2693201) | 1 |
| | G104-2736511 | 06-2 | (DR-1902443) | | HOLDER, generator brush | 4 |
| | G104-2932096 | 06-2 | (DR-1903086) | | NUT, generator brush holder stud | 4 |
| | G104-7000158 | 06-2 | 7000158 (DR-1902451) | | STUD, generator brush holder | 4 |
| | G104-1842788 | 06-2 | A214709 (DR-825189) | A214709 | WASHER, insulating, generator brush holder (2 hole) | 4 |
| | G104-7000162 | 06-2 | 7000162 (DR-1862482) | | WASHER, lock, generator brush holder stud | 4 |
| | G104-7000157 | | 7000157 (DR-1902047) | | INSULATOR, generator field and armature lead, inner | 1 |
| | G104-2556028 | | (DR-1902056) | | INSULATOR, generator field lead bushing | 1 |
| | G104-2766832 | 06-2 | (DR-1902048) | | INSULATOR, generator | 1 |
| | G085-3301240 | | A291132 (DR-809593) | A291132 | PIN, dowel, generator commutator end frame | 1 |
| | G104-2982867 | 06-2 | (DR-1902037) | | PLATE, brush, generator | 1 |
| | G104-7000148 | 06-2 | 7000148 (DR-1902036) | | PLATE, brush, generator, assembly (Includes: ARM, BRACKET, BUSHING, HOLDER, PLATE, SLEEVE and SPRING) (BRUSHES not included) | 1 |
| | G104-2932096 | 06-2 | (DR-1903086) | | NUT, generator brush plate screw | 4 |
| | G104-7000151 | 06-2 | 7000151 (DR-1902449) | | SCREW, generator brush plate | 4 |
| | G104-7000162 | 06-2 | 7000162 (DR-1862482) | | WASHER, lock, generator brush plate screw | 4 |
| | G104-7000149 | 06-2 | 7000149 (DR-1902042) | | PLATE, generator commutator end cover | 1 |
| H-1 | H001-5089341 | 06-2 | 420089 (DR-1903088) | | SCREW, mach., fl-hd., S., cd-pltd., No. 2 (.086)-64NF-2 x 3/8 | 4 |
| | G104-7000150 | 06-2 | 7000150 (DR-1902265) | | PLATE, retainer, generator drive end ball bearing, inner | 1 |
| | | 06-2 | (DR-1902266) | | PLATE, retainer, generator drive end ball bearing, outer | 1 |
| | G104-1781725 | 06-2 | (DR-1889621) | | SCREW, generator drive end ball bearing retainer plate | 6 |

*(Cont.)*

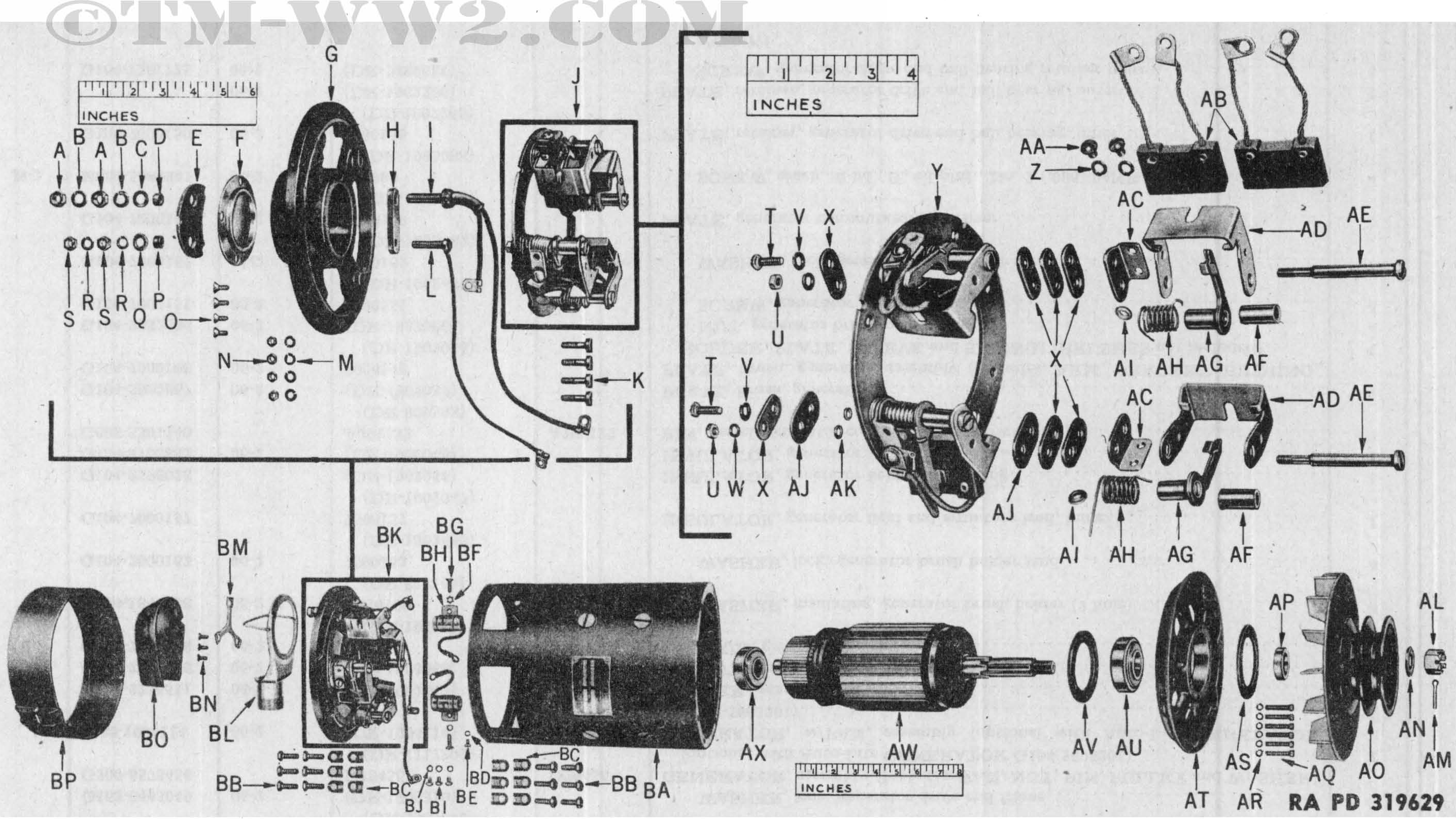



**FIGURE 06-2 — DELCO-REMY GENERATOR, ASSEMBLY (DR-1904114) — EXPLODED VIEW**

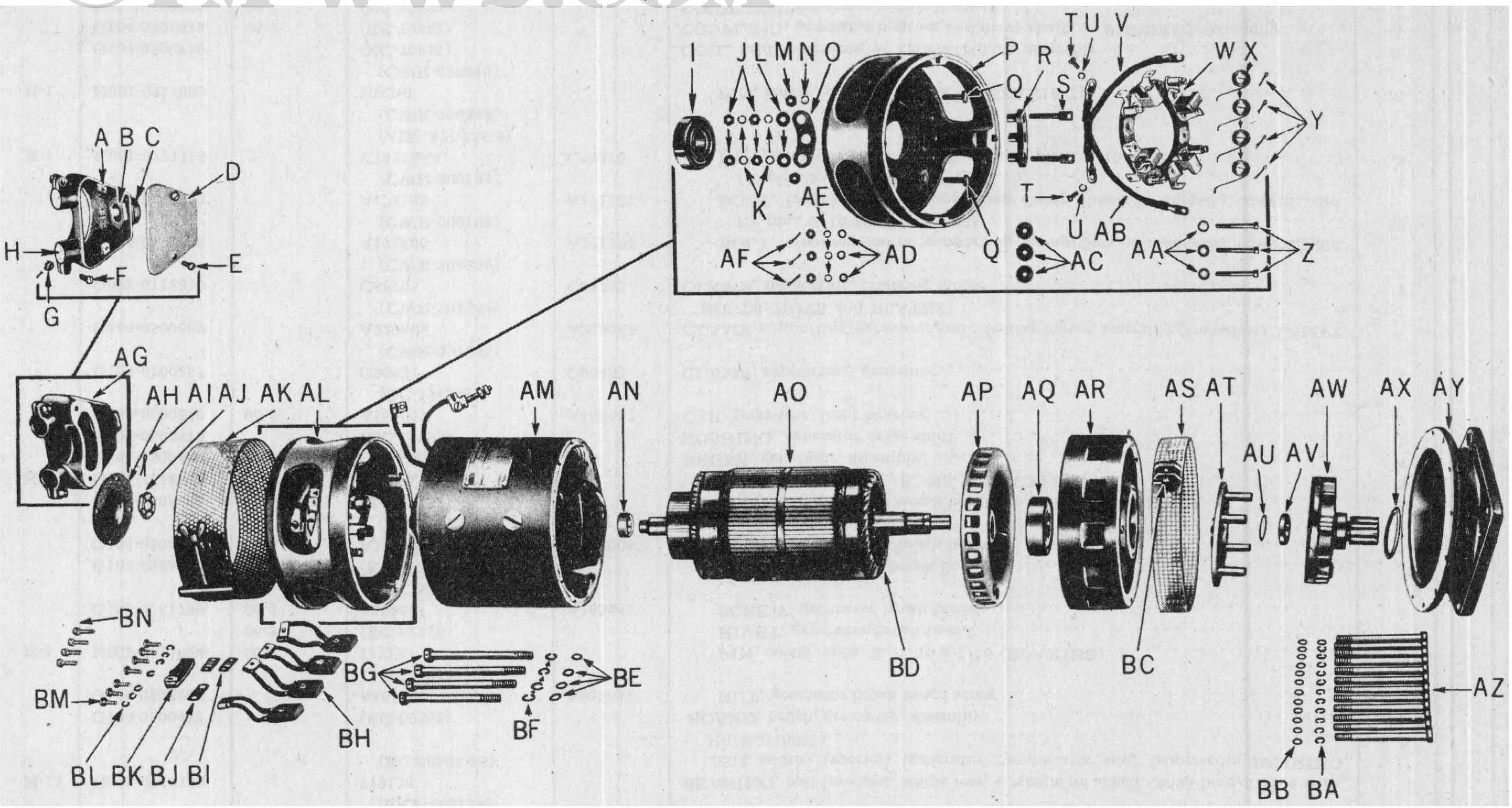
| Key | Item | Part Number | Group |
|---|---|---|---|
| A | NUT | 114546 | 0601.5 |
| B | WASHER | 120214 | 0601.5 |
| C | WASHER | DR-1903092 | 0601.5 |
| D | BUSHING | DR-1902450 | 0601.5 |
| E | INSULATOR | DR-1902048 | 0601.5 |
| AI | BUSHING | DR-825185 | 0601.5 |
| AJ | WASHER | DR-825189 | 0601.5 |
| AK | BUSHING | DR-825190 | 0601.5 |
| AL | NUT | DR-1903091 | 0601.5 |
| AM | PIN | 137175 | 0601.5 |

| | | | |
|---|---|---|---|
| F | PLATE | DR-1902042 | 0601.5 |
| G | FRAME | DR-1902035 | 0601.5 |
| H | STRIP | DR-1902047 | 0601.5 |
| I | STUD | DR-1902054 | 0601.5 |
| J | PLATE, ass'y | DR-1902036 | 0601.5 |
| K | SCREW | DR-1902449 | 0601.5 |
| L | STUD | DR-1902049 | 0601.5 |
| M | WASHER | DR-1862482 | 0601.5 |
| N | NUT | DR-1903086 | 0601.5 |
| O | SCREW | 420089 | 0601.5 |
| P | BUSHING | DR-1902056 | 0601.5 |
| Q | WASHER | DR-1903093 | 0601.5 |
| R | WASHER | DR-1901430 | 0601.5 |
| S | NUT | 114545 | 0601.5 |
| T | SCREW | 132911 | 0601.5 |
| U | NUT | DR-1903086 | 0601.5 |
| V | WASHER | DR-1862482 | 0601.5 |
| W | WASHER | DR-1862482 | 0601.5 |
| X | WASHER | DR-825187 | 0601.5 |
| Y | PLATE | DR-1902037 | 0601.5 |
| Z | WASHER | DR-1901425 | 0601.5 |
| AA | SCREW | DR-1903089 | 0601.5 |
| AB | BRUSH, ass'y | DR-1902261 | 0601.5 |
| AC | BRACKET | DR-825186 | 0601.5 |
| AD | HOLDER | DR-1902443 | 0601.5 |
| AE | STUD | DR-1902451 | 0601.5 |
| AF | SLEEVE | DR-1902446 | 0601.5 |
| AG | ARM | DR-1902447 | 0601.5 |
| AH | SPRING | DR-1902445 | 0601.5 |
| AN | WASHER | DR-1872618 | 0601.5 |
| AO | PULLEY, ass'y | DR-1904112 | 0601.5 |
| AP | COLLAR | DR-1902024 | 0601.5 |
| AQ | SCREW | DR-1889621 | 0601.5 |
| AR | WASHER | DR-1901425 | 0601.5 |
| AS | PLATE | DR-1902266 | 0601.5 |
| AT | FRAME | DR-1902033 | 0601.5 |
| AU | BEARING | DR-954162 | 0601.5 |
| AV | PLATE | DR-1902265 | 0601.5 |
| AW | ARMATURE | DR-1902020 | 0601.5 |
| AX | BEARING | DR-954243 | 0601.5 |
| BA | FRAME, ass'y (furnished only as part of GENERATOR, DR-1904114) | | 0601.5 |
| BB | SCREW | 123450 | 0601.5 |
| BC | WASHER | DR-1900310 | 0601.5 |
| BD | WASHER | DR-1901832 | 0601.5 |
| BE | SCREW | 122159 | 0601.5 |
| BF | WASHER | 138597 | 0601.5 |
| BG | SCREW | 120612 | 0601.5 |
| BH | CONDENSER | DR-1901204 | 0601.5 |
| BI | SCREW | DR-1903089 | 0601.5 |
| BJ | WASHER | DR-1901425 | 0601.5 |
| BK | FRAME, ass'y | DR-1902034 | 0601.5 |
| BL | BASE, ass'y | DR-1903678 | 0601.5 |
| BM | CLAMP | DR-1902052 | 0601.5 |
| BN | SCREW | DR-1903088 | 0601.5 |
| BO | COVER | DR-1902053 | 0601.5 |
| BP | BAND | DR-1902441 | 0601.5 |

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| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| | G104-7000152 | 06-2 | 7000152 (DR-1901425) | | WASHER, generator drive end ball bearing retainer plate screw | 6 | |
| | 2580-1904112 | 06-2 | (DR-1904112) | | PULLEY, generator, w/FAN, assembly | 1 | |
| H-1 | H001-4015621 | 06-2 | BBFX2B-1 (DR-1903091) | BBFX2 | NUT, castle, alloy-S., cd-pltd., 5/8-18NC-2 | 1 | |
| H-1 | H001-4417531 | 06-2 | 137175 | | PIN, cotter, split, S., cd-pltd., 3/32 x 1⅛ (BEAX1CH-1) | 1 | |
| | G102-0401534 | 06-2 | A214730 (DR-1872618) | A214730 | WASHER, lock, lgt., cd-pltd., 5/8 | 1 | |
| | 2580-1889015 | | (DR-1889015) | | SCREW, generator pole shoe | 8 | |
| H-1 | H001-5148861 | 06-2 | 132911 (DR-1903094) | | SCREW, mach., rd-hd., S., cd-pltd., No. 10 (.190)-32NF-2 x 5/8 (generator brush holder support) (BCOX1.1AG-1) | 4 | |
| H-1 | H001-5147511 | 06-2 | 122159 (DR-1903087) | | SCREW, slotted, fl-hd., S., cd-pltd., No. 10-32 x 5/8 (generator field coil lead) (BCNX1FC-1) | 1 | |
| | G104-7000154 | 06-2 | (DR-1902446) | | SLEEVE, spacer, generator brush holder | 4 | |
| | G104-7000155 | 06-2 | (DR-1902445) | | SPRING, helical, generator brush arm | 4 | |
| | G104-7000156 | | 7000156 (DR-1902473) | | STRIP, insulating, generator field coil | 1 | |
| | G104-7000157 | 06-2 | 7000157 (DR-1902047) | | STRIP, insulating, generator terminal stud, inside | 1 | |
| | G104-7000161 | 06-2 | A410280 (DR-1902054) | A410280 | STUD, generator "A" terminal, w/LEAD, assembly | 1 | |
| H-1 | H001-4165560 | 06-2 | 114546 | | NUT, lgt., hex., s-fin., br., 5/16-24NF-2 (BBTX2DB) | 2 | |
| H-13 | H013-0132887 | 06-2 | (DR-1903089) | | SCREW, generator terminal to brush plate | 2 | |
| | G104-7000152 | 06-2 | 7000152 (DR-1901425) | | WASHER, lock, generator terminal to brush plate | 2 | |
| H-1 | H001-7025711 | 06-2 | 120214 (DR-1903095) | | WASHER, lock, reg., S., cd-pltd., 5/16 (BECX1H-1) | 2 | |
| | G104-7000164 | 06-2 | 7000164 (DR-1903092) | | WASHER, plain, generator "A" terminal stud | 1 | |
| | G104-7000160 | 06-2 | A410279 (DR-1902049) | A410279 | STUD, generator "F" terminal, w/LEAD, assembly | 1 | |
| H-1 | H001-4165520 | 06-2 | 114545 | | NUT, lgt., hex., s-fin., br., 1/4-28NF-2 (BBTX2BB) | 2 | |
| H-1 | H101-0132887 | 06-2 | (DR-1903089) | | SCREW, generator terminal to brush plate | 1 | |
| | G104-7000162 | 06-2 | 7000162 (DR-1862482) | | WASHER, lock, generator brush holder support screw | 4 | |
| | G104-7000152 | 06-2 | 7000152 (DR-1901425) | | WASHER, lock, generator terminal to brush plate | 1 | |
| H-1 | H001-7025681 | 06-2 | (DR-1901430) | | WASHER, lock, reg., S., cd-pltd., 1/4 (BECX1G-1) | 2 | |
| | G104-7000163 | 06-2 | 7000163 (DR-1903093) | | WASHER, plain, generator "F" terminal stud | 1 | |
| | G104-1842786 | 06-2 | A214710 (DR-825187) | A214710 | WASHER, spacer, generator brush holder (2 hole) | 14 | |
| | G147-0443087 | 06-2 | A277167 (DR-1901832) | A277167 | WASHER, lock, reg., S., No. 8 (.164) (generator field coil lead) | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0500020 | 06-3 | (EC-57885) | | ADAPTER, generator terminal shield | 1 |
| | G104-0500040 | 06-3 | (EC-73704) | | ARMATURE, generator, assembly | 1 |
| H-12 | H012-0710013 | 06-3 | 710013<br>(EC-20504-15)<br>(SKF-465636)<br>(MRC-204FS) | | BEARING, ball (annular, single row, w/double fabriseal, .7874 bore, 1.8504 O.D., .625 overall width) (special) (superseded by BEARING, H012-0710040) | 1 |
| H-12 | H012-0710040 | | 710040<br>(EC-20504-43) | | BEARING, ball (annular, single row, w/double fabriseal, .7874 bore, 1.8504 O.D., .825 overall width) (special) (generator armature drive end) (supersedes BEARING, H012-0710013) | 1 |
| H-12 | H012-0710001 | 06-3 | A158807<br>(EC-20504-1)<br>(SKF-465754) | A158807 | BEARING, ball (annular, single row, w/single oil shield, .6693 bore, 1.8504 O.D., .5512 width) (special) (superseded by BEARING, H012-0710138) | 1 |
| H-12 | H012-0710138 | | 710138<br>(EC-20504-65) | | BEARING, ball (annular, single row, w/single oil shield, .6693 bore, 1.8504 O.D., .5512 width) (special) (generator commutator end) (supersedes BEARING, H012-0710001) | 1 |
| | G104-0500450 | | (EC-69386) | | BOARD, brush, generator, assembly | 1 |
| | G104-0502260 | | A165642<br>(EC-58733) | A165642 | NUT, generator brush board screw | 3 |
| H-1 | H001-0811024 | 06-3 | 137130 | | PIN, cotter, split, S., 1/16 x 7/16 (BFAX1BB) | 3 |
| | | 06-3 | (EC-67756) | | RIVET, generator brush board | 8 |
| | G103-1781799 | 06-3 | A165641<br>(EC-58732) | A165641 | SCREW, generator brush board | 3 |
| | G104-0503920 | 06-3 | (EC-69144) | | SPACER, generator brush board | 3 |
| | G104-0504800 | 06-3 | A159005<br>(EC-25103) | A159005 | WASHER, generator brush board | 3 |
| | G104-0504780 | 06-3 | (EC-10187) | | WASHER, generator brush board (formerly EC-13625) | 3 |
| H-1 | H001-1518004 | 06-3 | 106496 | | WASHER, lock, reg., S., No. 8 (BECX1D) | 3 |
| | G104-0500430 | 06-3 | (EC-79917) | | BRUSH, generator, assembly | 4 |
| | G104-0500510 | | (EC-16795) | | BUSHING, generator drive shaft | 1 |
| | G104-0500620 | 06-3 | A165617<br>(EC-15474) | A165617 | CAP, generator, front bearing | 1 |
| | G104-0100357 | | C90431<br>(CWR-201245) | C90431 | CLAMP, supporting, generator | 1 |
| | G104-0500669 | | A229665<br>(CWR-201244) | A229665 | CLAMP, supporting, generator and cranking motor, assembly (Includes: CLAMPS, BOLTS, NUTS and PLATES) | 1 |
| | G081-0112810 | | C68795<br>(CWR-200756) | C68795 | CLAMP, supporting, cranking motor | 1 |
| | G104-0700050 | | A171106<br>(CWR-200195) | A171106 | BOLT, cranking motor supporting clamp (hex-hd., alloy-S., cd-pltd., dld. f/c-pin., 5/16-24NF-2 x 1.82) | 10 |
| | G104-0100212 | | A171105<br>(CWR-200193) | A171105 | BOLT, cranking motor supporting clamp (hex-hd., alloy-S., cd-pltd., dld. f/c-pin., 5/16-24NF-2 x 2⅜) | 2 |
| H-1 | H001-0721515 | | C74378A4<br>(AIR-AN-355-5)<br>(CWR-200843) | C74378 | NUT, slotted, light, thick, alloy-S., cd-pltd., 5/16-24NF-3 | 8 |
| H-1 | H001-0811025 | | 103361<br>(CWR-200818) | | PIN, cotter, split, S., 1/16 x ½ (BFAX1BC) | 10 |
| | G104-0500720 | | (EC-70835) | | COIL, field, generator, w/TERMINALS, assembly | 1 |
| | G104-0301629 | 06-3 | (EC-79561) | | COUPLING, generator housing and drive shaft, w/RUBBERS, assembly | 1 |
| | G104-0500920 | 06-3 | (EC-57884) | | COUPLING, generator terminal shield | 1 |




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**FIGURE 06-3 — ECLIPSE (TYPE-314-31A) GENERATOR ASSEMBLY (D47404) — EXPLODED VIEW**

| *Key* | *Item* | *Part Number* | *Group* | *Key* | *Item* | *Part Number* | *Group* |
|---|---|---|---|---|---|---|---|
| A | HOUSING | EC-57883 | 0601.8 | AI | PIN | 103364 | 0601.8 |
| B | COUPLING | EC-57884 | 0601.8 | AJ | NUT | EC-12179 | 0601.8 |
| C | ADAPTER | EC-57885 | 0601.8 | AK | STRAP, ass'y | EC-70937 | 0601.8 |

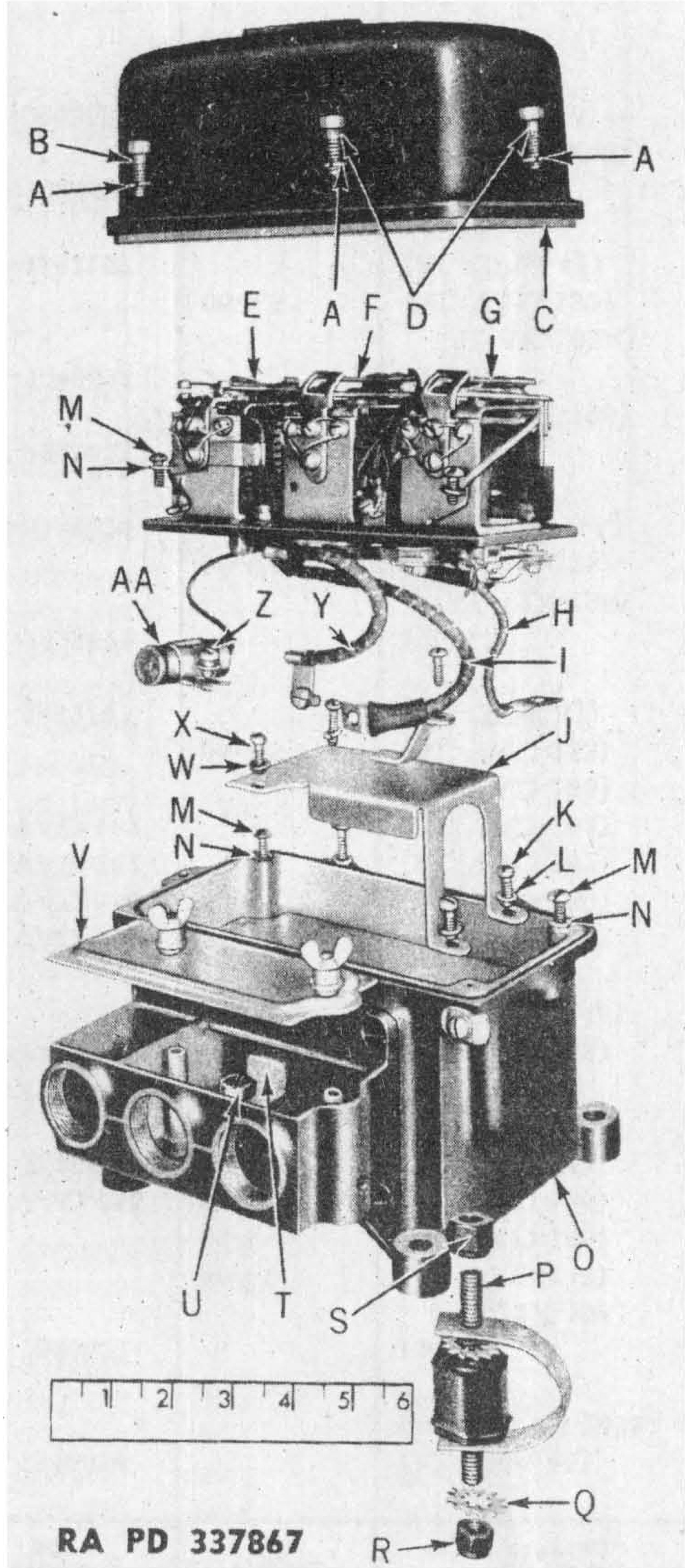
| Key | Part | Number | Group |
|---|---|---|---|
| D | COVER | EC-39863 | 0601.8 |
| E | SCREW | EC-44069 | 0601.8 |
| F | SCREW | 504106 | 0601.8 |
| G | NUT | EC-54138 | 0601.8 |
| H | PLUG | EC-73819 | 0601.8 |
| I | BEARING | 710001 | 0601.8 |
| J | NUT | EC-20501-12 | 0601.8 |
| K | WASHER | EC-20500-20 | 0601.8 |
| L | WASHER | EC-12174 | 0601.8 |
| M | NUT | 503249 | 0601.8 |
| N | WASHER | EC-18357 | 0601.8 |
| O | INSULATOR | EC-17419 | 0601.8 |
| P | HEAD | EC-71627 | 0601.8 |
| Q | BOLT | EC-41548 | 0601.8 |
| R | PLATE | EC-71630 | 0601.8 |
| S | POST | EC-70641 | 0601.8 |
| T | SCREW | EC-55409 | 0601.8 |
| U | WASHER | EC-20500-22 | 0601.8 |
| V | WIRE, ass'y | EC-67757-1 | 0601.8 |
| W | RIVET | EC-67756 | 0601.8 |
| X | SPRING | EC-4112 | 0601.8 |
| Y | PIN | 137130 | 0601.8 |
| Z | SCREW | EC-58732 | 0601.8 |
| AA | WASHER | EC-10187 | 0601.8 |
| AB | WIRE, ass'y | EC-67757-2 | 0601.8 |
| AC | SPACER | EC-69144 | 0601.8 |
| AD | WASHER | EC-25103 | 0601.8 |
| AE | WASHER | 106496 | 0601.8 |
| AF | PIN | 103361 | 0601.8 |
| AG | SHIELD, ass'y | EC-57882 | 0601.8 |
| AH | CAP | EC-15474 | 0601.8 |
| AL | HEAD, ass'y | EC-71636 | 0601.8 |
| AM | YOKE, ass'y | EC-73732-2 | 0601.8 |
| AN | SPACER | EC-39302 | 0601.8 |
| AO | ARMATURE, ass'y | EC-73704 | 0601.8 |
| AP | FAN | EC-70868 | 0601.8 |
| AQ | BEARING | 710013 | 0601.8 |
| AR | HEAD, ass'y | EC-70864 | 0601.8 |
| AS | STRAP, ass'y | EC-70910 | 0601.8 |
| AT | PLATE | EC-43579 | 0601.8 |
| AU | WASHER | EC-88258 | 0601.8 |
| AV | NUT | EC-88257 | 0601.8 |
| AW | COUPLING, ass'y | EC-79561 | 0601.8 |
| AX | WASHER | EC-27611 | 0601.8 |
| AY | HEAD, ass'y | EC-72867 | 0601.8 |
| AZ | SCREW | EC-70865 | 0601.8 |
| BA | WASHER | 106497 | 0601.8 |
| BB | WASHER | EC-18357 | 0601.8 |
| BC | SCREW | EC-12100 | 0601.8 |
| BD | KEY | EC-20521-4 | 0601.8 |
| BE | WASHER | EC-10187 | 0601.8 |
| BF | WASHER | 103319 | 0601.8 |
| BG | SCREW | EC-71628 | 0601.8 |
| BH | BRUSH, ass'y | EC-79917 | 0601.8 |
| BI | STRAP | EC-39298 | 0601.8 |
| BJ | STRAP | EC-55410 | 0601.8 |
| BK | STRIP | EC-17401 | 0601.8 |
| BL | WASHER | EC-20500-22 | 0601.8 |
| BM | NUT | EC-4072 | 0601.8 |
| BN | SCREW | EC-12100 | 0601.8 |

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| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0501020 | 06-3 | (EC-39863) | | COVER, generator terminal shield | 1 | |
| | G104-0503260 | 06-3 | (EC-44069) | | SCREW, generator terminal shield cover | 2 | |
| | G104-0501050 | | (EC-54581) | | CUP, generator front washer | 1 | |
| | G104-0501140 | 06-3 | (EC-70868) | | FAN, generator | 1 | |
| | G104-0501360 | 06-3 | D47404 (EC-91810) | D47404 | GENERATOR, assembly (Eclipse type 314-31A) (mounted on engine) | 1 | |
| | | 06-3 | (EC-72867) | | HEAD, generator, back, w/RETAINER, assembly | 1 | |
| | G104-7007399 | 06-3 | 7007399 (EC-70865) | | SCREW, generator back head to yoke | 12 | |
| H-1 | H001-1518005 | 06-3 | 106497 (EC-20500-1) | | WASHER, lock, reg., S., No. 10 (BECX1E) | 12 | |
| | G104-0504850 | 06-3 | (EC-18357) | | WASHER, generator back head to yoke screw (plain, S., cd-pltd., No. 8) | 12 | |
| | G104-0501460 | 06-3 | (EC-71627) | | HEAD, generator, front, assembly | 1 | |
| | G104-1611457 | 06-3 | (EC-71636) | | HEAD, generator, front, w/brush BOARD, assembly | 1 | |
| | G104-0500250 | 06-3 | (EC-41548) | | BOLT, generator terminal housing | 2 | |
| | G104-0503320 | 06-3 | (EC-71628) | | SCREW, generator front head to yoke | 1 | |
| | G104-0503330 | | (EC-71629) | | SCREW, generator front head to yoke | 3 | |
| | G104-0504780 | 06-3 | (EC-10187) | | WASHER, generator front head to yoke screw | 4 | |
| H-1 | H001-1518007 | 06-3 | 103319 (EC-20500-13) | | WASHER, lock, reg., S., 1/4 (BECX1G) | 4 | |
| | G104-0504850 | 06-3 | A162701 (EC-18357) | A162701 | WASHER, plain, generator front head (S., cd-pltd., No. 8) | 2 | |
| | G104-0501470 | 06-3 | (EC-70864) | | HEAD, generator, intermediate, assembly | 1 | |
| | G104-0502332 | 06-3 | (EC-88258) | | LOCK-TAB, generator armature shaft | 1 | |
| | | | (EC-2215) | | HOLDER, generator brush catch | 1 | |
| | G104-0501570 | | B170284 (EC-43367) | B170284 | HOUSING, generator driving rubbers, w/drive SHAFT, assembly | 1 | |
| | G104-0501620 | 06-3 | (EC-57883) | | HOUSING, generator terminal shield | 1 | |
| | G104-0501740 | | (EC-74507) | | INSULATOR, generator field coil connection | 3 | |
| | G104-0501760 | 06-3 | (EC-17419) | | INSULATOR, generator front head terminal post | 1 | |
| | G104-0501870 | 06-3 | (EC-20521-4) | | KEY, Woodruff, generator fan drive | 1 | |
| | G104-0502331 | 06-3 | (EC-88257) | | NUT, coupling, generator armature shaft, rear | 1 | |
| | G104-0502400 | 06-3 | (EC-12179) | | NUT, generator armature shaft, front | 1 | |
| | G104-0502450 | 06-3 | (EC-54138) | | NUT, generator terminal shield plug clamp screw | 2 | |
| H-1 | H001-0725440 | 06-3 | 503249 | | NUT, safety, S., No. 10 (.190)-32NF-2 (generator terminal post) (BBSX1Z) | 2 | |
| | G104-0502580 | 06-3 | (EC-20501-12) | | NUT, terminal, generator (br., hex., No. 10 (.190)-32NC-2) | 6 | |
| | | | (EC-70912) | | PIECE, end, generator fan aperture strap | 1 | |
| | | | (EC-70913) | | PIECE, end, generator fan aperture strap | 1 | |
| H-1 | H001-0811025 | 06-3 | 103361 | | PIN, cotter, split, S., 1/16 x 1/2 (terminal shield plug screw) (BFAX1BC) | 2 | |
| H-1 | H001-0811029 | 06-3 | 103364 (EC-20503-24) | | PIN, cotter, split, S., 1/16 x 1 1/4 (generator armature shaft front nut) (BFAX1BR) | 1 | |
| | G104-1740220 | | B207317 (CWR-202010) | B207317 | PLATE, cranking motor and generator supporting clamp | 2 | |
| | G104-0502800 | 06-3 | (EC-43579) | | PLATE, drive, generator, assembly | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0502830 | 06-3 | (EC-71630) | | PLATE, insulating, generator terminal | 1 |
| | | | (EC-44764) | | PLATE, name, generator | 1 |
| | G104-0502900 | 06-3 | (EC-73819) | | PLUG, generator terminal shield (aluminum) | 2 |
| | | 06-3 | (EC-10177) | | POST, generator brush spring | 4 |
| | G104-0502920 | 06-3 | (EC-70641) | | POST, terminal, generator | 2 |
| | G104-0502930 | | (EC-71467) | | POST, terminal, generator field coil | 1 |
| | G104-0503130 | | (EC-14015) | | RETAINER, generator, back head rear packing | 1 |
| | | | (EC-43520) | | RETAINER, generator coupling driving rubbers | 1 |
| | G104-0503210 | | (EC-59463) | | RING, locking, generator terminal shield | 1 |
| | | | (EC-27669) | | RUBBER, driving, generator | 8 |
| | | 06-3 | (EC-20502-2) | | SCREW, generator jumper strap terminal post | 3 |
| | G104-0503720 | 06-3 | (EC-20502-1) | | SCREW, generator jumper wire brush lead | 5 |
| | G104-0503290 | 06-3 | A166668<br>(EC-55409) | A166668 | SCREW, generator jumper wire brush rest | 2 |
| | G104-0503300 | | (EC-70863) | | SCREW, generator pole shoe yoke and field coil (superseded by SCREW, G158-7002313) | 8 |
| | G158-7002313 | | 7002313<br>(EC-97057) | | SCREW, generator pole shoe yoke and field coil (supersedes SCREW, G104-0503300) | 8 |
| H-1 | H001-1029040 | 06-3 | 504106 | | SCREW, mach., rd-hd., corr-res-S., No. 10 (.190)-32NF-2 x 5/8 (terminal shield plug) (BCOX3EH) | 2 |
| | G103-1798531 | 06-3 | (EC-57882) | | SHIELD, terminal, generator, assembly (Includes: ADAPTER, COUPLING, HOUSING and RING) | 1<br>1 |
| | G104-0502910 | | (EC-73702) | | SHOE, pole, generator, assembly | 1 |
| | | | (EC-20519-7) | | SLEEVING, generator jumper strap | 1 |
| | | | (EC-23001) | | SLEEVING, generator jumper wire | 1 |
| | G104-0503950 | 06-3 | A192072<br>(EC-39302) | A192072 | SPACER, generator, front | 1 |
| | G103-0502020 | 06-3 | A165609<br>(EC-4112) | A165609 | SPRING, generator brush | 4 |
| | G104-0504170 | 06-3 | (EC-70937) | | STRAP, generator brush aperture, assembly (Includes: BOLT, HOLDER, RIVETS and STRAP) | 1 |
| | G103-0302660 | 06-3 | A162575<br>(EC-4072) | A162575 | NUT, wing, brush aperture strap bolt | 1 |
| | G104-0504160 | 06-3 | (EC-70910) | | STRAP, generator fan aperture, assembly (Includes: PIECE and STRAP) | 1 |
| | G103-0501840 | 06-3 | A158798<br>(EC-12100) | A158798 | SCREW, generator fan aperture strap (fil-hd., cd-pltd., dld. f/lkg-wire., No. 8-32NF-2) | 5 |
| | G104-0504190 | 06-3 | (EC-55410) | | STRAP, ground, generator | 1 |
| | | 06-3 | (EC-39298) | | STRAP, jumper, generator | 2 |
| | G104-0504150 | | (EC-39297) | | STRAP, jumper, generator, assembly (Includes: SLEEVING and STRAP) | 1 |
| | G104-0504220 | 06-3 | A166531<br>(EC-17401) | A166531 | STRIP, jumper, generator | 2 |
| | G104-0504480 | | (EC-25239) | | TERMINAL, generator field coil | 2 |
| | G104-0504490 | | (EC-69387) | | TERMINAL, generator jumper wire | 4 |
| | G104-0505130 | 06-3 | (EC-20500-22) | | WASHER, generator jumper strap terminal post screw (3), generator jumper wire brush base screw (5), generator jumper wire brush rest screw (2) | 10 |
| | G104-0505050 | | A192054<br>(EC-16203) | A192054 | WASHER, felt, generator back head (for retainer type) | 1 |
| H-1 | H001-1518004 | | 106496<br>(EC-20500-20) | | WASHER, lock, bz., No. 10 (generator terminal post) (BECX1D) | 4 |
| | G104-0504920 | 06-3 | A162694<br>(EC-12174) | A162694 | WASHER, booster coil and generator terminal | 3 |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0505380 | 06-3 | (EC-27611) | | WASHER, thrust, generator drive coupling | 1 | |
| | G104-0501840 | 06-3 | (EC-67757-1) | | WIRE, jumper, generator, assembly (Includes: SLEEVING and TERMINAL) | 1 | |
| | G104-0501850 | 06-3 | (EC-67757-2) | | WIRE, jumper, generator, assembly (Includes: SLEEVING, TERMINAL and WIRE) | 1 | |
| | | 06-3 | (EC-73732-2) | | YOKE, generator, w/field COIL, assembly (Includes: INSULATOR, POST, SCREWS, SHOE assembly, WASHER, WIRE and YOKE) | 1 | |
| | | | | | **0602.1—AUTO-LITE GENERATOR REGULATOR** | | |
| | | 06-4 | (AL-VAD-1142) | | BASE, generator regulator, assembly (Includes: CLIP, CONDENSERS, INSULATORS, LEAD, NUT, RESISTOR, STUD and WASHERS) | 1 | |
| | 2980-VAD-1181 | | (AL-VAD-1181) | | BASE, riveting, generator regulator, assembly | 1 | |
| | G116-1782002 | | (AL-8X-311) | | SCREW, generator regulator riveting base (rd-hd., No. 10 (.190)-32 x ⅜) | 1 | |
| | | 06-4 | (AL-GFM-41A) | | SCREW, generator regulator riveting base (rd-hd., No. 10 (.190)-32 x 9/16) | 4 | |
| | G067-0800462 | 06-4 | A175368 (AL-8X-183A) | A175368 | WASHER, lock, generator regulator riveting base (reg., S., cd-pltd., No. 10) | 5 | |
| | | | (AL-VAD-187) | | BRACKET, generator regulator field lead terminal | 1 | |
| | | | (AL-VAD-188) | | BRACKET, generator regulator resistor and lead current regulator core | 1 | |
| | | | (AL-VAD-185) | | BRACKET, generator regulator resistor voltage regulator core | 1 | |
| | | 06-4 | (AL-VAD-1173) | | BRACKET, mounting, generator regulator filterette | 1 | |
| | | 06-4 | (AL-8X-119) | | SCREW, generator regulator filterette mounting bracket (fil-hd., No. 10 (.190)-32 x ½) | 4 | |
| | G067-0800462 | 06-4 | A175368 (AL-8X-183A) | A175368 | WASHER, lock, generator regulator filterette mounting bracket screw (reg., S., cd-pltd., No. 10) | 4 | |
| | 2980-VAD-190 | | (AL-VAD-190) | | BUSHING, generator voltage regulator coil mounting insulator | 1 | |
| | 2980-VAD-159 | | (AL-VAD-159) | | BUSHING, insulating, generator regulator armature terminal and field terminal | 2 | |
| | 2980-VAD-168 | | (AL-VAD-168) | | BUSHING, insulating, generator regulator battery terminal | 1 | |
| | 2980-VAD-3008D | 06-4 | (AL-VAD-3008D) | | COIL, generator regulator current regulator, assembly | 1 | |
| | G104-2367453 | 06-4 | (AL-VAD-3106) | | COIL, generator regulator cutout relay, w/STUD, assembly | 1 | |
| | 2980-VAD-3071C | 06-4 | (AL-VAD-3071C) | | COIL, generator regulator voltage regulator, assembly | 1 | |
| | | 06-5 | (AL-XA-595) | | NUT, generator regulator voltage regulator coil (elastic stop, hex., ¼-28) | 1 | |
| | | 06-5 | (AL-VAD-176) | | WASHER, plain, generator regulator voltage regulator coil (¼ in.) | 1 | |
| | 2980-SP-3689A | 06-4,5 | (AL-SP-3689A) | | CONDENSER, generator regulator | 1 | |
| | G104-2382197 | 06-4 | (AL-GFM-4J) | | SCREW, generator regulator condenser (fil-hd., S., No. 10 (.190)-32NF x ¼) | 3 | |
| H-1 | H001-7025621 | | 120217 (AL-12X-196) | | WASHER, lock, reg., S., cd-pltd., No. 10 (BECX1E-1) | 3 | |
| H-1 | H001-7043621 | | 120391 (AL-8X-183A) | | WASHER, plain, S., cd-pltd., SAE std., No. 10 (BEBX1E-1) | 3 | |
| | | | (AL-VAD-164) | | CONNECTOR, generator regulator filterette to battery terminal | 1 | |
| | G104-2139959 | | (AL-VAD-1015) | | CONNECTOR, generator regulator resistor | 1 | |
| H-1 | H001-5125811 | | (AL-GFM-18A) | | SCREW, generator regulator resistor connector (fil-hd., No. 8 (.164)-32NC x ¼) | 2 | |
| H-1 | H001-1518004 | | 106496 (AL-X-195) | | WASHER, lock, reg., S., No. 8 (BECX1D) | 2 | |

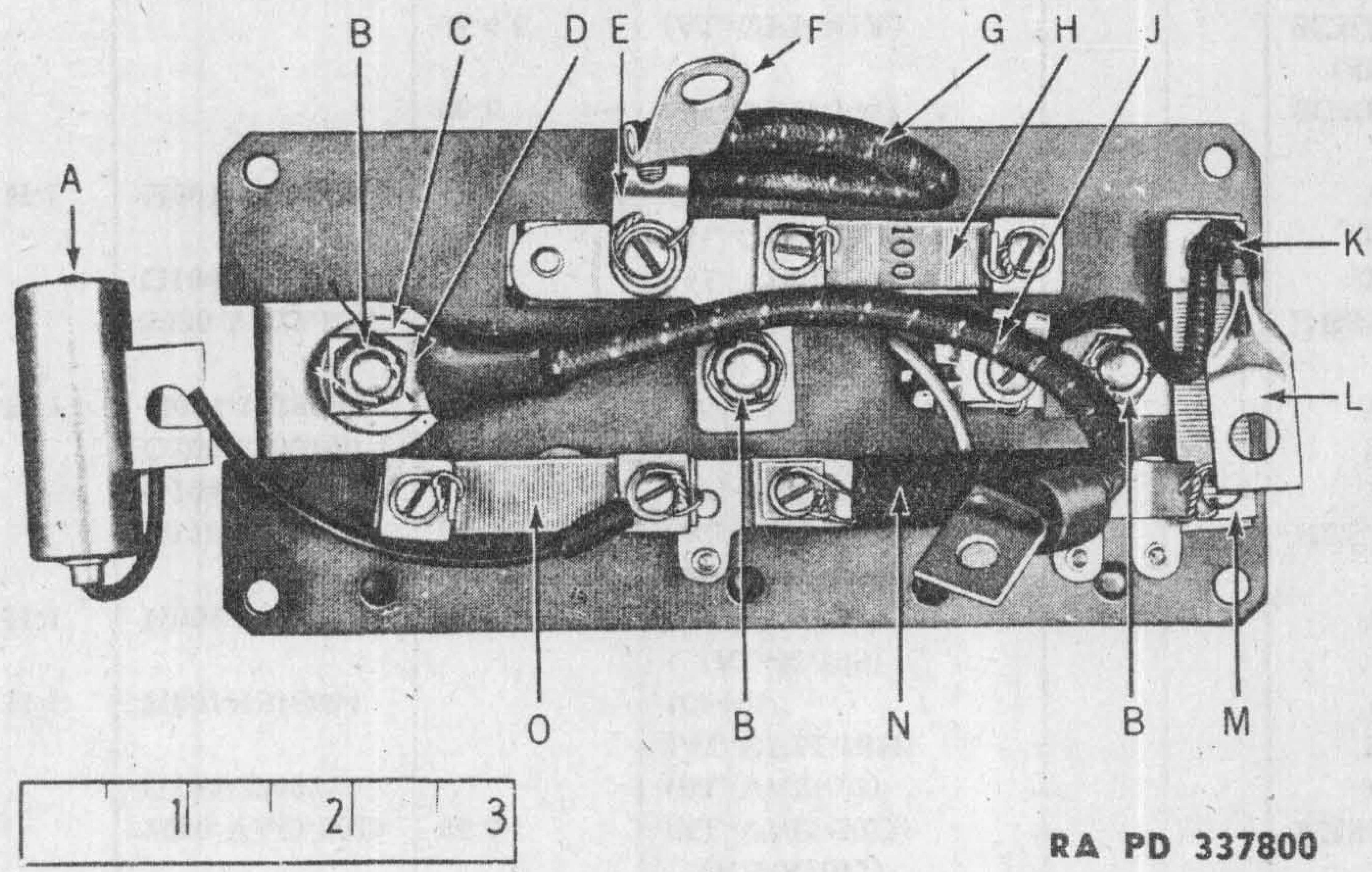



| Key | Item | Part Number | Group |
|---|---|---|---|
| A | WASHER | AL-12X-196 | 0602.1 |
| B | SCREW | AL-VAD-145 | 0602.1 |
| C | COVER | AL-VAD-141 | 0602.1 |
| D | SCREW | AL-VAD-146 | 0602.1 |
| E | COIL, ass'y | AL-VAD-3106 | 0602.1 |
| F | COIL, ass'y | AL-VAD-3008D | 0602.1 |
| G | COIL, ass'y | AL-VAD-3071C | 0602.1 |
| H | LEAD, ass'y | AL-VAD-152 | 0602.1 |
| I | LEAD, ass'y | AL-VAD-175 | 0602.1 |
| J | BRACKET | AL-VAD-1173 | 0602.1 |
| K | SCREW | AL-8X-119 | 0602.1 |
| L | WASHER | AL-8X-183A | 0602.1 |
| M | SCREW | AL-GFM-41A | 0602.1 |
| N | WASHER | AL-8X-183A | 0602.1 |
| O | BASE, ass'y | AL-VAD-1142 | 0602.1 |
| P | CUSHION | A245203B | 0602.1 |
| Q | WASHER | 178532 | 0602.1 |
| R | NUT | 218564 | 0602.1 |
| S | NUT | 503270 | 0602.1 |
| T | INSULATOR | AL-VAD-160 | 0602.1 |
| U | SCREW | AL-GFR-41A | 0602.1 |
| V | COVER | AL-VAD-1163 | 0602.1 |
| W | WASHER | 106495 | 0602.1 |
| X | SCREW | AL-GFM-18H | 0602.1 |
| Y | LEAD, ass'y | AL-VAD-153 | 0602.1 |
| Z | SCREW | AL-GFM-4J | 0602.1 |
| AA | CONDENSER | AL-SP-3689A | 0602.1 |

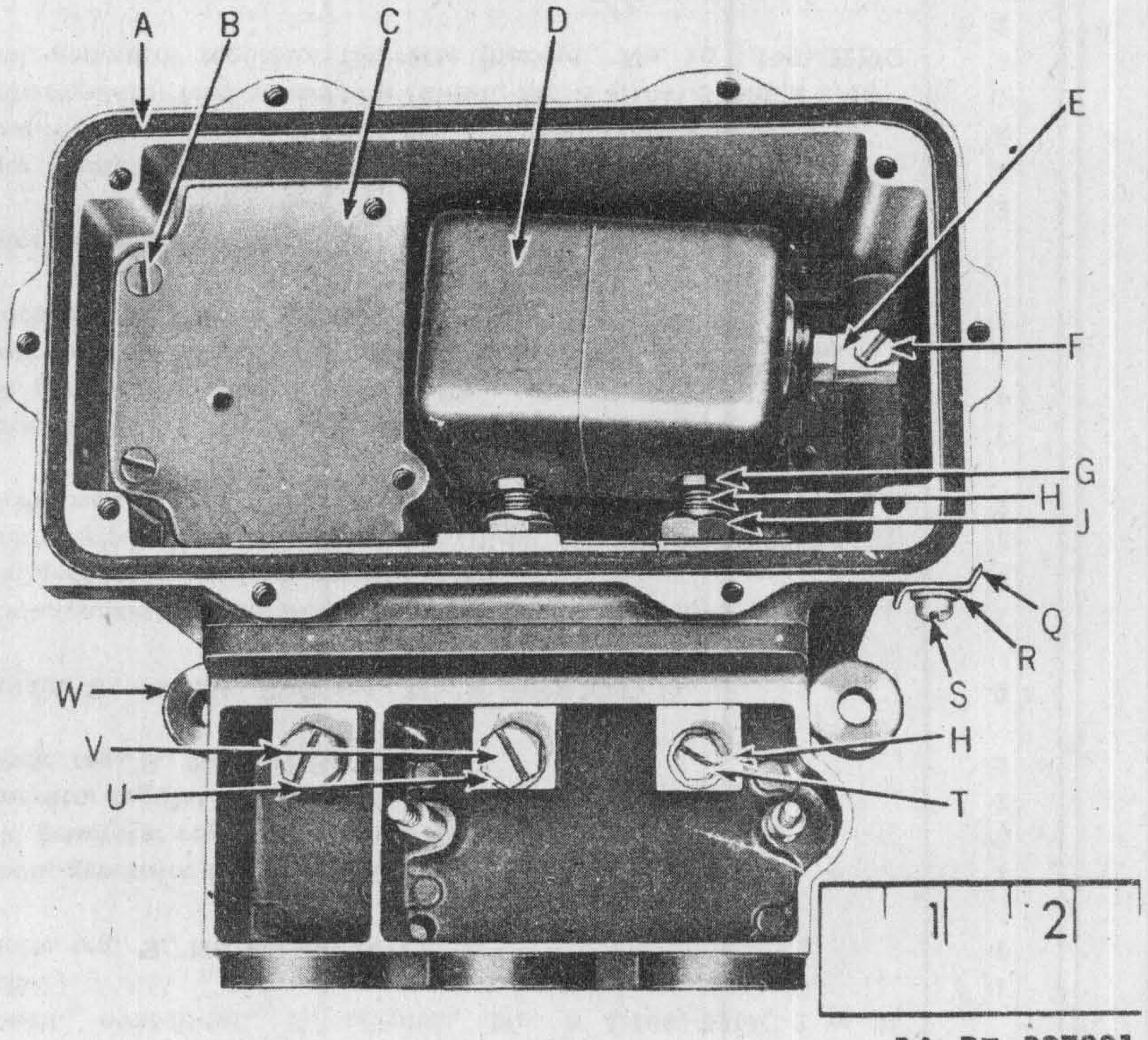
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**FIGURE 06-4 — AUTO-LITE GENERATOR REGULATOR ASSEMBLY, 7000061 — EXPLODED VIEW**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1540059 | | (AL-VRA-46) | | CONNECTOR, generator regulator series coil | 1 | |
| | | | (AL-BR-365-1032) | | NUT, generator regulator series coil connector (elastic stop, hex., No. 10 (.190)-32NF-2) | 2 | |
| H-1 | H001-7025621 | | 120217 (AL-12X-196) | | WASHER, lock, reg., S., cd-pltd., No. 10 (BECX1E-1) | 2 | |
| | | 06-4 | (AL-VAD-141) | | COVER, generator regulator | 1 | |
| | | 06-4 | (AL-VAD-145) | | SCREW, generator regulator cover (hex-hd., No. 10 (.190)-32NF x ¾) | 4 | |
| | 2980-VAD-146 | 06-4 | (AL-VAD-146) | | SCREW, generator regulator cover (hex-hd., No. 10 (.190)-32NF x ⅞) | 2 | |
| H-1 | H001-7025621 | 06-4 | (AL-12X-196) | | WASHER, lock, reg., S., cd-pltd., No. 10 (BECX1E-1) | 6 | |
| | | 06-4 | (AL-VAD-1163) | | COVER, generator regulator terminal | 1 | |
| | 2980-XA-697 | 06-6 | (AL-XA-697) | | FILTERETTE, generator regulator, assembly | 1 | |
| | 2980-VAD-165 | 06-6 | (AL-VAD-165) | | GASKET, generator regulator cover | 1 | |
| | | 06-6 | (AL-VAD-1140) | | HOUSING, generator regulator battery, field and armature terminals | 1 | |
| | | | (AL-8X-79) | | SCREW, generator regulator battery housing (fl-hd., ¼-20NC x ⅝) | 6 | |
| | 2980-VAD-161 | | (AL-VAD-161) | | INSULATOR, generator regulator armature and field terminals, inner | 1 | |
| | 2980-VAD-160 | 06-4 | (AL-VAD-160) | | INSULATOR, generator regulator armature and field terminals, outer | 1 | |
| | 2980-VAD-167 | | (AL-VAD-167) | | INSULATOR, generator regulator battery terminal, inner | 1 | |
| | 2980-VAD-162 | | (AL-VAD-162) | | INSULATOR, generator regulator battery terminal, outer | 1 | |
| | | | (AL-VAD-186) | | INSULATOR, generator regulator resistor bracket | 1 | |
| | | 06-4,5 | (AL-VAD-153) | | LEAD, generator regulator current regulator coil to armature terminal, assembly | 1 | |
| | G104-2382197 | | (AL-GFM-4J) | | SCREW, generator regulator current regulator coil to armature terminal lead (fil-hd., No. 10 (.190)-32NF x ¼) | 1 | |
| H-1 | H001-7025621 | | 120217 (AL-12X-196) | | WASHER, lock, reg., S., cd-pltd., No. 10 (BECX1E-1) | 1 | |
| | | 06-4,5 | (AL-VAD-175) | | LEAD, generator regulator cutout relay to filterette, assembly | 1 | |
| | G170-0382020 | | (AL-GFM-41A) | | SCREW, generator regulator cutout relay to filterette lead (fil-hd., No. 10 (.190)-32NF x ⅜) | 1 | |
| H-1 | H001-7025621 | | 120217 (AL-12X-196) | | WASHER, lock, reg., S., cd-pltd., No. 10 (BECX1E-1) | 1 | |
| H-1 | H001-7043621 | | 120391 (AL-8X-183A) | | WASHER, plain, S., cd-pltd., SAE std., No. 10 (BEBX1E-1) | 1 | |
| | | 06-4,5 | (AL-VAD-152) | | LEAD, generator regulator field terminal stud to voltage regulator coil, assembly | 1 | |
| | G104-2382197 | | (AL-GFM-4J) | | SCREW, generator regulator field terminal stud to voltage regulator coil lead (fil-hd., No. 10 (.190)-32NF x ¼) | 1 | |
| H-1 | H001-7025621 | | 120217 (AL-12X-196) | | WASHER, lock, reg., S., cd-pltd., No. 10 (BECX1E-1) | 1 | |
| | G067-0903630 | | (AL-VRH-26) | | LEAD, generator regulator voltage regulator and current regulator armature to base | 2 | |
| | | 06-6 | (AL-8X-1055) | | NUT, generator regulator battery terminal stud (1), field terminal stud (1), armature terminal stud (1) (hex., ¼-28NF) | 3 | |
| H-1 | H001-0718003 | 06-6 | 220076 (AL-8X-830) | | NUT, reg., hex., s-fin., S., ⅜-16NC-2 (generator regulator battery terminal stud (1), field terminal stud (1), armature terminal stud (1) (BBAX1C) | 3 | |
| | | 06-6 | (AL-VAD-183) | | PLATE, generator regulator shield | 1 | |
| | G104-1781683 | 06-6 | (AL-8X-63) | | SCREW, generator regulator shield plate (fil-hd., No. 8 (.164)-32NC x ⅜) | 2 | |




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## FIGURE 06-5 — AUTO-LITE GENERATOR REGULATOR COIL BASE

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | CONDENSER | AL-SP-3689A | 0602.1 |
| B | NUT | AL-XA-595 | 0602.1 |
| C | WASHER | AL-VAD-176 | 0602.1 |
| D | TERMINAL | AL-VAD-42 | 0602.1 |
| E | TERMINAL | AL-VAD-171 | 0602.1 |
| F | TERMINAL | AL-VAD-1684 | 0602.1 |
| G | LEAD, ass'y | AL-VAD-153 | 0602.1 |
| H | RESISTOR | AL-TC-51AA | 0602.1 |
| J | LEAD, ass'y | AL-VAD-175 | 0602.1 |
| K | LEAD, ass'y | AL-VAD-152 | 0602.1 |
| L | TERMINAL | AL-VAD-151 | 0602.1 |
| M | RESISTOR | AL-VAD-50B | 0602.1 |
| N | RESISTOR | AL-VAD-50D | 0602.1 |
| O | RESISTOR | AL-VAD-50C | 0602.1 |

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## FIGURE 06-6 — AUTO-LITE GENERATOR REGULATOR BASE

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | GASKET | AL-VAD-165 | 0602.1 |
| B | SCREW | AL-8X-63 | 0602.1 |
| C | PLATE | AL-VAD-183 | 0602.1 |
| D | FILTERETTE, ass'y | AL-XA-697 | 0602.1 |
| E | WASHER | AL-X-1274 | 0602.1 |
| F | SCREW | AL-VAD-147 | 0602.1 |
| G | NUT | AL-8X-1055 | 0602.1 |
| H | WASHER | AL-12X-534 | 0602.1 |
| J | NUT | AL-8X-830 | 0602.1 |
| Q | PLATE | AL-VAD-9 | 0602.1 |
| R | WASHER | AL-12X-196 | 0602.1 |
| S | SCREW | AL-GFM-4D | 0602.1 |
| T | SCREW | AL-GFR-41A | 0602.1 |
| U | WASHER | AL-12X-1014 | 0602.1 |
| V | SCREW | AL-VAD-144 | 0602.1 |
| W | HOUSING | AL-VAD-1140 | 0602.1 |

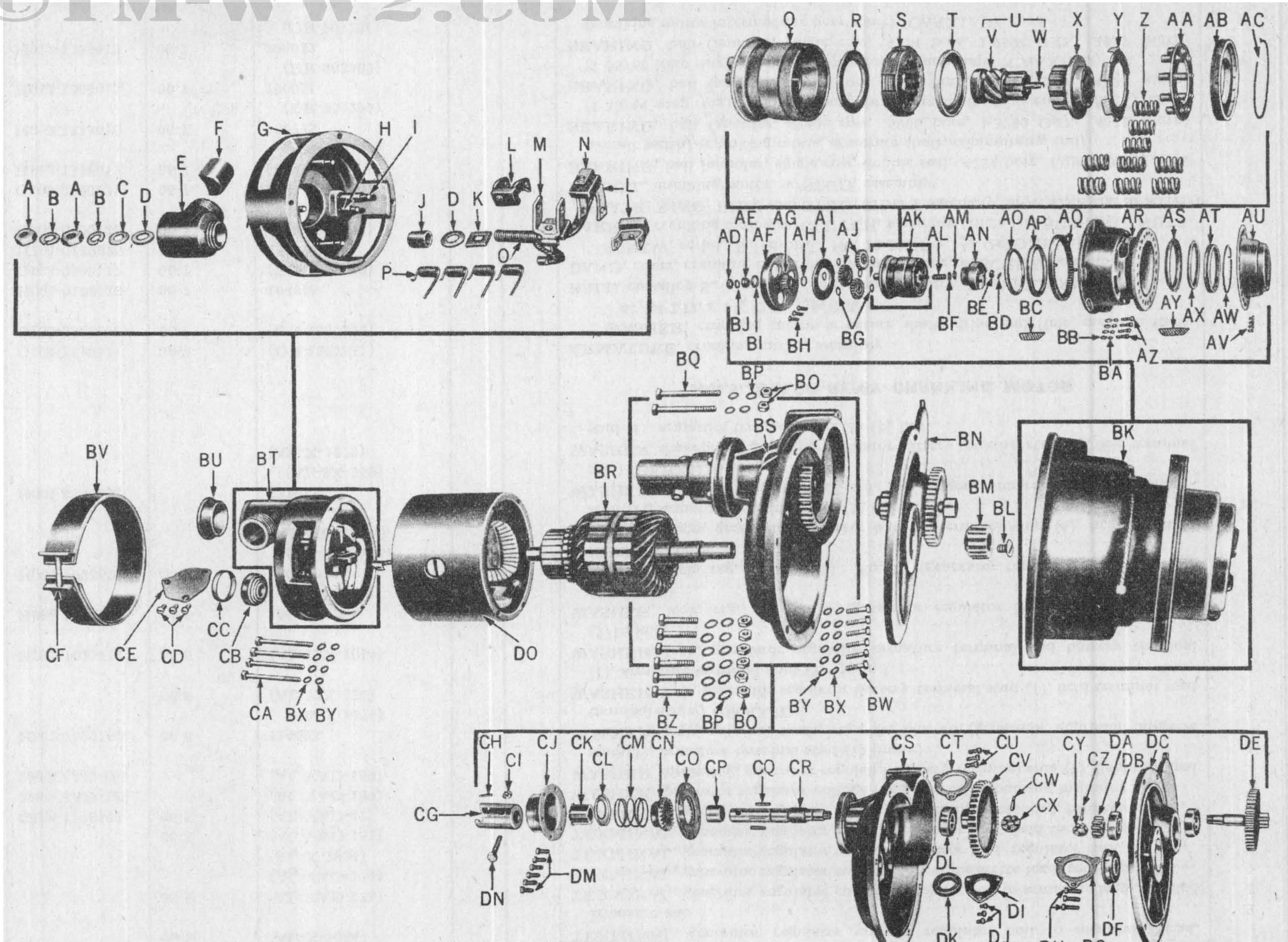
RA PD 337801C

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1740386 | 06-6 | (AL-VAD-9) | | PLATE, lock, generator regulator ground screw | 1 | |
| | | | (AL-VAD-40) | | PLATE, name, generator regulator | 1 | |
| | | | (AL-X-453) | | RIVET, generator regulator name plate | 2 | |
| | | | (AL-VAD-182) | | PLATE, terminal, generator regulator cutout relay mounting | 1 | |
| | | | (AL-VAD-166) | | PLUG, pipe, generator regulator drain hole (1/8 in.) | 1 | |
| | M001-7000061 | 06-4 | 7000061 (AL-VAD-4106C) | | REGULATOR, generator, assembly | 1 | |
| | G104-2143616 | 06-4 | A245203B | A245203 | CUSHION, mounting, generator regulator | 4 | |
| H-1 | H001-0718022 | 06-4 | 218564 | | NUT, reg., hex., s-fin., S., 5/16-24NF-2 (BBBX1B) | 4 | |
| H-1 | H001-0725490 | 06-4 | 503270 | | NUT, safety, S., 5/16-18NC-3 (BBSX2AB) | 4 | |
| H-1 | H001-7124911 | 06-4 | 178532 | | WASHER, lock, internal-external teeth, reg., S., cd-pltd., 5/16 x .900 (BEAX8AB-1) | 8 | |
| H-1 | H001-1519010 | | 115548 | | WASHER, lock, internal teeth, reg., S., 5/16 in. (BEAX1K) | 4 | |
| | 2980-VAD-50C | 06-5 | (AL-VAD-50C) | | RESISTOR, carbon, generator regulator (20 ohm) | 1 | |
| | G104-1740211 | | (AL-VAD-12) | | PLATE, lock, generator regulator resistor screw | 1 | |
| H-1 | H001-5125811 | | 131954 (AL-GFM-18A) | | SCREW, mach., oval-fil-hd., S., cd-pltd., No. 8 (.164)-32NC-2 x 1/4 (BCFX2AB-1) | 1 | |
| H-1 | H001-1518004 | | 106495 (AL-X-195) | | WASHER, lock, reg., S., No. 6 (BECX1C) | 1 | |
| | 2980-VAD-50D | 06-5 | (AL-VAD-50D) | | RESISTOR, carbon, generator regulator (40 ohm) | 1 | |
| | G104-1740211 | | (AL-VAD-12) | | PLATE, lock, generator regulator resistor screw | 2 | |
| | | | (AL-GFM-18H) | | SCREW, generator regulator resistor (fil-hd., No. 8 (.164)-32NC x 5/16) | 2 | |
| H-1 | H001-1518004 | | 106495 (AL-X-195) | | WASHER, lock, reg., S., No. 6 (BECX1C) | 2 | |
| H-1 | H001-7043591 | | 131015 (AL-8X-350) | | WASHER, plain, S., cd-pltd., SAE std., No. 8 (BEBX1D-1) | 2 | |
| | G170-0367616 | 06-5 | (AL-TC-51AA) | | RESISTOR, carbon, generator regulator (100 ohm) | 1 | |
| | G104-1740211 | | (AL-VAD-12) | | PLATE, lock, generator regulator resistor screw | 2 | |
| | G104-2382196 | | (AL-GFM-18G) | | SCREW, generator regulator carbon resistor (fil-hd., No. 8 (.164)-32NC x 3/8) | 2 | |
| H-1 | H001-1518004 | | 106495 (AL-X-195) | | WASHER, lock, reg., S., No. 6 (BECX1C) | 2 | |
| | 2980-VAD-50B | 06-5 | (AL-VAD-50B) | | RESISTOR, carbon, generator regulator (175 ohm) | 1 | |
| | G104-1740211 | | (AL-VAD-12) | | PLATE, lock, generator regulator resistor screw | 1 | |
| | | | (AL-GFM-18H) | | SCREW, generator regulator resistor (fil-hd., No. 8 (.164)-32NC x 5/16) | 1 | |
| H-1 | H001-1518004 | | 106495 (AL-X-195) | | WASHER, lock, reg., S., No. 6 (BECX1C) | 1 | |
| | | 06-6 | (AL-VAD-144) | | SCREW, generator regulator battery and armature terminal (hex-hd., 5/16-18NC x 1/2) | 2 | |
| | | 06-4,6 | (AL-GFR-41A) | | SCREW, generator regulator field terminal (hex-hd., 1/4-28NF x 1/2) | 1 | |
| | G104-0503267 | 06-6 | (AL-GFM-4D) | | SCREW, generator regulator ground (fil-hd., No. 10 (.190)-32NF x 5/16) | 1 | |
| | | 06-4 | (AL-GFM-18H) | | SCREW, generator regulator lead connection (fil-hd., No. 8 (.164)-32NC x 5/16) | 1 | |
| | | 06-6 | (AL-VAD-147) | | SCREW, terminal, generator regulator filterette (hex-hd., No. 10 (.190)-32NC x 3/8) | 2 | |
| | | | (AL-VAD-155) | | SEAL, generator regulator lead and wire | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | (AL-VAD-179) | | SHIELD, generator regulator filterette | 1 |
| | G104-1792182 | | A297646A | A29764 6 | STRAP, grounding, generator regulator support | 4 |
| | | | (AL-VAD-156) | | STUD, armature terminal, generator regulator | 1 |
| | | | (AL-VAD-158) | | STUD, battery terminal, generator regulator | 1 |
| | | | (AL-VAD-157) | | STUD, field terminal, generator regulator | 1 |
| | | 06-5 | (AL-X-1684) | | TERMINAL, generator regulator current regulator coil to armature lead, armature end | 1 |
| | | 06-5 | (AL-VAD-171) | | TERMINAL, generator regulator current regulator coil to armature lead, coil end | 1 |
| | | | (AL-VAD-174) | | TERMINAL, generator regulator cutout relay to filterette lead, relay end | 1 |
| | | | (AL-X-2854) | | TERMINAL, generator regulator voltage regulator lead, regulator end | 1 |
| | | 06-5 | (AL-VAD-151) | | TERMINAL, generator regulator voltage regulator lead, field terminal end | 1 |
| | G104-1798543 | 06-5 | (AL-VAD-42) | | TERMINAL, generator regulator cutout relay to filterette lead, filterette end | 1 |
| | 2980-VAD-189 | | (AL-VAD-189) | | WASHER, generator regulator voltage regulator coil mounting insulator | 1 |
| | 2980-VAD-169 | | (AL-VAD-169) | | WASHER, insulating, generator regulator battery terminal stud (1), field terminal stud (1), armature terminal stud (1) (inner) | 3 |
| H-1 | H001-7017590 | 06-6 | 114603 (AL-X-1274) | | WASHER, lock, external teeth, reg., S., No. 10 (generator regulator filterette terminal screw) (BEAX7D) | 2 |
| | | 06-6 | (AL-12X-534) | | WASHER, lock, generator regulator battery terminal stud (1), field terminal stud (1), armature terminal stud (2) (¼ in.) | 4 |
| H-1 | H001-7025711 | 06-6 | (AL-12X-1014) | | WASHER, lock, generator regulator armature terminal and battery terminal (5/16 in.) | 2 |
| H-1 | H001-1518004 | 06-4 | 106495 (AL-X-195) | | WASHER, lock, reg., S., No. 6 (generator regulator lead connection screw) (BECX1C) | 1 |
| H-1 | H001-7025621 | 06-6 | 120217 (AL-12X-196) | | WASHER, lock, reg., S., cd-pltd., No. 10 (generator regulator ground screw) (BECX1E-1) | 1 |
| | | | (AL-MU-103A) | | WASHER, plain, generator regulator battery terminal stud (1), field terminal stud (1), armature terminal stud (1) (¼ in.) | 3 |
| H-1 | H001-7043591 | | 131015 (AL-8X-350) | | WASHER, plain, S., cd-pltd., SAE std., No. 8 (generator regulator lead connection) (BEBX1D-1) | 1 |
| | | | (AL-X-1273) | | WASHER, shakeproof, generator regulator battery terminal stud (1), field terminal stud (1), armature terminal stud (1) (⅜ in.) | 3 |

## 0603.5—DELCO-REMY CRANKING MOTOR

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-1510371 | 06-7 | (DR-1887851) | | ARMATURE, cranking motor, assembly | 1 |
| | G103-0502268 | 06-7 | (DR-1887322) | | WASHER, cranking motor armature shaft, drive end (felt, medium hard, 47/64 I.D. x 1¼ O.D. x ¼ thk.) | 1 |
| H-2 | H002-0100110 | 06-7 | 104916 | | BALL, chr-alloy-S., grade 2, 3/16 (cranking motor drive) (CCAX1B) | 150 |
| | G103-0500117 | 06-7 | (DR-1887658) | | BAND, cover, cranking motor commutator frame, w/SCREW, assembly | 1 |
| H-1 | H101-0132926 | 06-7 | 132926 | | SCREW, rd-hd., S., cd-pltd., No. 10-32NF x 1¼ (BCOX1.1AN-1) | 1 |
| | G103-0500126 | 06-7 | (DR-1888393) | | BARREL, cranking motor, w/CLUTCH, assembly (Includes: BUSHING, NUTS, PLATE, RING, RING and STUD, SHAFT assembly, SPACERS and SPRING) | 1 |
| | G103-0500121 | 06-7 | (DR-1887700) | | BARREL, cranking motor, w/STUD, assembly | 1 |
| H-12 | H012-1376012 | 06-7 | 700925 (DR-954162) | | BEARING, ball (annular, single row, double seal, .4724 bore, 1.2598 O.D., .6063 overall width) (cranking motor armature shaft, commutator end) | 1 |
| H-12 | H012-1333015 | 06-7 | 700775 (DR-954292) | | BEARING, ball (annular, single row, .5906 bore, 1.3780 O.D., .4331 width) (1 35/64 snap ring) (cranking motor armature shaft, drive end) (CAAX1KK) | 1 |
| H-12 | H012-1303015 | 06-7 | 700061 (DR-903202) | | BEARING, ball (annular, single row, .5906 bore, 1.3780 O.D., .4331 width) (1 35/64 snap ring) (cranking motor hand crankshaft) (CAAX1AG) | 1 |
| H-12 | H012-1303012 | 06-7 | 700032 (DR-903201) | | BEARING, ball (annular, single row, .4724 bore, 1.2598 O.D., .3937 width) (cranking motor intermediate gear shaft) (CAAX1AF) | 2 |


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RA PD 337864

# FIGURE 06-7 — DELCO-REMY CRANKING MOTOR ASSEMBLY, D47397A — EXPLODED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | NUT | 134570 | 0603.5 |
| B | WASHER | 138489 | 0603.5 |
| C | WASHER | DR-805790 | 0603.5 |
| D | WASHER | DR-1861076 | 0603.5 |
| E | SHIELD | DR-1900318 | 0603.5 |
| F | INSULATOR | DR-1900316 | 0603.5 |
| G | FRAME, ass'y | DR-1887645 | 0603.5 |
| H | PIN | DR-1904909 | 0603.5 |
| I | PIN | DR-1904907 | 0603.5 |
| J | BUSHING | DR-1900333 | 0603.5 |
| K | INSULATOR | DR-1901940 | 0603.5 |
| L | BRUSH | DR-828448 | 0603.5 |
| M | HOLDER | DR-1904422 | 0603.5 |
| N | WASHER | DR-1900793 | 0603.5 |
| O | TERMINAL, ass'y | DR-1902090 | 0603.5 |
| P | SPRING | DR-1855685 | 0603.5 |
| Q | BARREL, ass'y | DR-1887700 | 0603.5 |
| R | SPACER | DR-1887725 | 0603.5 |
| S | PLATE | DR-1888444 | 0603.5 |
| T | BUSHING | DR-1887721 | 0603.5 |
| U | SHAFT, ass'y | DR-1888394 | 0603.5 |
| V | SHAFT | DR-1887714 | 0603.5 |
| W | ROD | DR-1887713 | 0603.5 |
| X | NUT | DR-1887720 | 0603.5 |
| Y | SPACER | DR-1887719 | 0603.5 |
| Z | SPRING | DR-1887718 | 0603.5 |
| AA | RING, ass'y | DR-1887717 | 0603.5 |
| AB | NUT | DR-1887716 | 0603.5 |
| AC | RING | DR-1887715 | 0603.5 |
| AD | NUT | DR-1887730 | 0603.5 |
| AE | COLLAR | DR-1887728 | 0603.5 |
| AF | GEAR, ass'y | DR-1887701 | 0603.5 |
| AG | BUSHING | DR-1887703 | 0603.5 |
| AH | WASHER | DR-1887694 | 0603.5 |
| AI | RETAINER | DR-1887726 | 0603.5 |
| AJ | PINION | DR-1887695 | 0603.5 |
| AK | BARREL, ass'y | DR-1888393 | 0603.5 |
| AL | SPRING | DR-1887693 | 0603.5 |
| AM | WASHER | DR-1887697 | 0603.5 |
| AN | JAW | DR-1887699 | 0603.5 |
| AO | RETAINER | DR-1887757 | 0603.5 |
| AP | RACE | DR-1887758 | 0603.5 |
| AQ | GEAR | DR-1887759 | 0603.5 |
| AR | HOUSING | DR-1887756 | 0603.5 |
| AS | RACE | DR-1887790 | 0603.5 |
| AT | NUT | DR-1887710 | 0603.5 |
| AU | PLATE, ass'y | DR-1887762 | 0603.5 |
| AV | SCREW | 133418 | 0603.5 |
| AW | RING | DR-1887709 | 0603.5 |
| AX | RACE | DR-1887790 | 0603.5 |
| AY | BALL | 104916 | 0603.5 |
| AZ | SCREW | DR-1887753 | 0603.5 |
| BA | WASHER | 121841 | 0603.5 |
| BB | WASHER | DR-813731 | 0603.5 |
| BC | BALL | 104916 | 0603.5 |
| BD | PIN | DR-1887722 | 0603.5 |
| BE | NUT | DR-1887696 | 0603.5 |
| BF | WASHER | DR-1887698 | 0603.5 |
| BG | WASHER | DR-1887712 | 0603.5 |
| BH | SCREW | DR-1887711 | 0603.5 |
| BI | WASHER | DR-1887727 | 0603.5 |
| BJ | WASHER | DR-1887729 | 0603.5 |
| BK | DRIVE, ass'y | DR-1900341 | 0603.5 |
| BL | SCREW | DR-1887665 | 0603.5 |
| BM | GEAR | DR-1887708 | 0603.5 |
| BN | SUPPORT, ass'y | DR-1887670 | 0603.5 |
| BO | NUT | DR-1887535 | 0603.5 |
| BP | WASHER | DR-1872057 | 0603.5 |
| BQ | BOLT | DR-1887662 | 0603.5 |
| BR | ARMATURE | DR-1887851 | 0603.5 |
| BS | FRAME, ass'y | DR-1887675 | 0603.5 |
| BT | FRAME, ass'y | DR-1902124 | 0603.5 |
| BU | CAP | DR-1887634 | 0603.5 |
| BV | BAND, ass'y | DR-1887658 | 0603.5 |
| BW | SCREW | DR-1887664 | 0603.5 |
| BX | WASHER | 120217 | 0603.5 |
| BY | WASHER | DR-807295 | 0603.5 |
| BZ | BOLT | DR-1887661 | 0603.5 |
| CA | SCREW | DR-1887663 | 0603.5 |
| CB | BEARING | 700925 | 0603.5 |
| CC | SPACER | DR-1887416 | 0603.5 |
| CD | SCREW | DR-1886500 | 0603.5 |
| CE | PLATE | DR-1887356 | 0603.5 |
| CF | SCREW | 132926 | 0603.5 |
| CG | JAW | DR-1887688 | 0603.5 |
| CH | PIN | 137141 | 0603.5 |
| CI | NUT | DR-1887677 | 0603.5 |
| CJ | COVER | DR-1887684 | 0603.5 |
| CK | COLLAR | DR-1887686 | 0603.5 |
| CL | CUP | DR-1887685 | 0603.5 |
| CM | SPRING | DR-1887693 | 0603.5 |
| CN | RATCHET | DR-1887681 | 0603.5 |
| CO | RATCHET | DR-1887680 | 0603.5 |
| CP | BEARING | 709423 | 0603.5 |
| CQ | KEY | DR-1887682 | 0603.5 |
| CR | SHAFT | DR-1887687 | 0603.5 |
| CS | FRAME | DR-1887676 | 0603.5 |
| CT | PLATE | DR-1887343 | 0603.5 |
| CU | SCREW | DR-5017850 | 0603.5 |
| CV | GEAR | DR-1887679 | 0603.5 |
| CW | PIN | 137150 | 0603.5 |
| CX | NUT | DR-1887689 | 0603.5 |
| CY | NUT | DR-1887674 | 0603.5 |
| CZ | PIN | 137150 | 0603.5 |
| DA | PINION | DR-1887673 | 0603.5 |
| DB | BEARING | 700032 | 0603.5 |
| DC | PLATE | DR-1887671 | 0603.5 |
| DE | GEAR | DR-1887672 | 0603.5 |
| DF | BEARING | 700775 | 0603.5 |
| DG | PLATE | DR-1887343 | 0603.5 |
| DH | SCREW | DR-1864533 | 0603.5 |
| DI | PLATE | DR-1887323 | 0603.5 |
| DJ | SCREW | DR-1887324 | 0603.5 |
| DK | WASHER | DR-1887322 | 0603.5 |
| DL | BEARING | 700061 | 0603.5 |
| DM | SCREW | DR-5017850 | 0603.5 |
| DN | BOLT | DR-1887678 | 0603.5 |
| DO | FRAME, ass'y | DR-1902125 | 0603.5 |

RA PD 331864C

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| H-12 | H012-0709423 | 06-7 | 709423 (DR-1887690) | | BEARING, needle, cranking motor hand crankshaft | 1 | |
| | G103-0500243 | 06-7 | (DR-828448) | | BRUSH, cranking motor | 4 | |
| H-1 | H001-5148811 | | 132892 | | SCREW, mach., rd-hd., S., cd-pltd., No. 10(.190)-32NF-2 x ¼(BCOX1.1AB-1) | 2 | |
| H-1 | H001-5146469 | | 115903 (DR-1904494) | | SCREW, mach., rd-hd., S., blued, No. 6 (.138)-32NC-2 x ½ (BCNX1EG-9) | 4 | |
| H-1 | H001-1518003 | 06-7 | 106495 (DR-1900793) | | WASHER, lock, reg., S., No. 6 (BECX1C) | 4 | |
| H-1 | H001-1518005 | | 106497 | | WASHER, lock, reg., S., No. 10 (BECX1E) | 2 | |
| | G103-0500123 | 06-7 | (DR-1887721) | | BUSHING, cranking motor clutch plate | 1 | |
| | G103-0500301 | 06-7 | (DR-1887703) | | BUSHING, cranking motor sun gear | 1 | |
| | G103-1527772 | 06-7 | (DR-1900333) | | BUSHING, insulating, cranking motor terminal stud | 1 | |
| | G103-0500446 | 06-7 | (DR-1887634) | | CAP, cranking motor terminal shield | 1 | |
| | G103-0501942 | 06-7 | (DR-1887728) | | COLLAR, spacing, cranking motor sun gear | 1 | |
| | G103-0500563 | 06-7 | (DR-1887686) | | COLLAR, splined, cranking motor hand crankshaft | 1 | |
| | G103-0500712 | 06-7 | (DR-1887684) | | COVER, cranking motor hand crank ratchet | 1 | |
| H-1 | H001-5127351 | 06-7 | 120216 (DR-5017850) | | SCREW, dld. f/lkg-wire., No. 10 (.190)-32NF-2 x 15/32) (BCGX1.1BF-1) | 6 | |
| | G103-0500761 | 06-7 | (DR-1887685) | | CUP, cranking motor hand crank movable ratchet spring | 1 | |
| | G103-0500955 | | (DR-1887692) | | DRIVE, cranking motor, assembly (Includes: BARREL w/CLUTCH, COLLAR, GEAR, JAW, NUTS, PIN, PINION, RETAINER, SCREW, SPRING and WASHER) | 1 | |
| | G103-1618081 | 06-7 | (DR-1900341) | | DRIVE, cranking motor, w/HOUSING, assembly (Includes: BALL, NUT, PLATE, RETAINER, RING and SCREW) | 1 | |
| | G103-0500929 | 06-7 | (DR-1887676) | | FRAME, cranking motor and hand crank, drive end | 1 | |
| | G103-0501789 | 06-7 | (DR-1887664) | | SCREW, cranking motor and hand crank, drive end frame | 6 | |
| H-1 | H001-7025621 | 06-7 | 120217 | | WASHER, lock, reg., S., cd-pltd., No. 10 (BECX1E-1) | 6 | |
| | G103-0502302 | 06-7 | A226211 (DR-807295) | A226211 | WASHER, plain, cranking motor and hand crank, drive end frame screw | 6 | |
| | G103-0500923 | 06-7 | (DR-1887645) | | FRAME, cranking motor, commutator end, w/PINS, assembly | 1 | |
| | G104-2188251 | 06-7 | (DR-1902124) | | FRAME, cranking motor, commutator end, assembly (Includes: BRUSH, BUSHING, HOLDER, INSULATOR, NUT, SCREW, SHIELD, SPRING, TERMINAL and WASHERS) | 1 | |
| | G103-0501783 | 06-7 | (DR-1887663) | | SCREW, cranking motor commutator end frame (hex-hd., S., cd-pltd., dld. f/lkg-wire., No. 10 (.190)-32NF-2 x 2 7/64) | 4 | |
| H-1 | H001-7025621 | | 120217 | | WASHER, lock, S., cd-pltd., No. 10 (BECX1E-1) | 4 | |
| | G103-0502302 | | (DR-807295) | | WASHER, plain, cranking motor commutator end frame screw (S., zn-pltd., .200 I.D. x ⅜ x 1/32) | 4 | |
| | G103-0500928 | 06-7 | (DR-1887675) | | FRAME, cranking motor drive end and hand crankshaft, assembly (Includes: BEARINGS, BOLT, COLLAR, COVER, CUP, GEAR, JAW, KEY, NUT, PIN, RATCHETS, SCREWS, SHAFT, SPRING and WASHER) | 1 | |
| | G103-0500194 | 06-7 | (DR-1887661) | | BOLT, cranking motor drive end frame | 6 | |
| | G103-0500197 | 06-7 | (DR-1887662) | | BOLT, cranking motor drive end frame to support | 2 | |
| | G103-0501464 | | (DR-1887535) | | NUT, cranking motor drive end frame | 8 | |

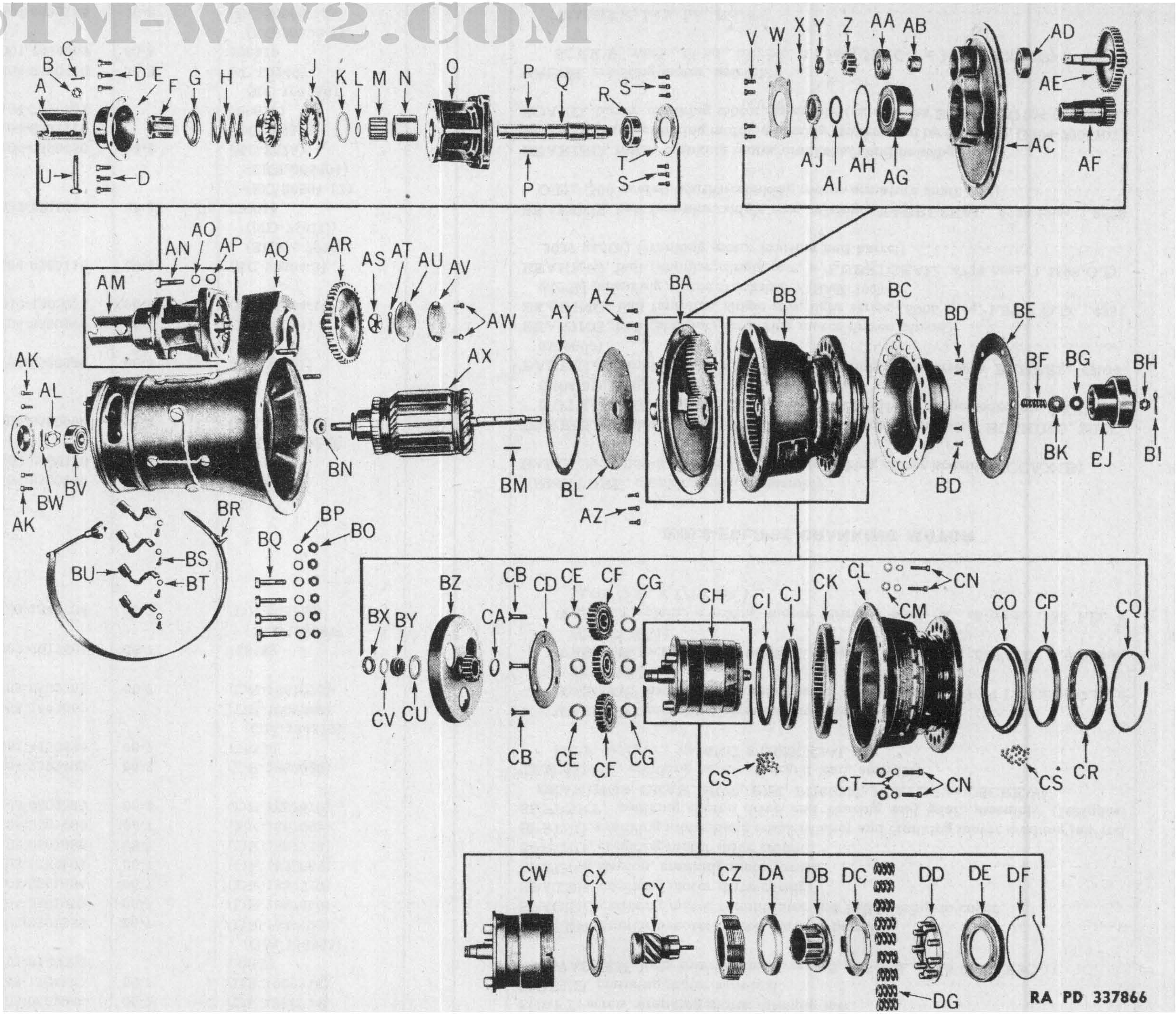
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| | G103-0501789 | | (DR-1887664) | | SCREW, cranking motor drive end frame to field frame (hex-hd., S., cd-pltd., dld. f/lkg-wire., No. 10 (.190)-32NF-2 x 45/64) | 6 |
| | G103-0502797 | 06-7 | (DR-1872057) | | WASHER, plain, cranking motor drive housing bolt (S., zn-pltd., 9/32 I.D. x ½ O.D. x 1/32 thk.) | 16 |
| | G104-2188250 | 06-7 | (DR-1902125) | | FRAME, cranking motor, field, assembly | 1 |
| | G103-0500939 | 06-7 | (DR-1887759) | | GEAR, annulus, cranking motor, w/PIN, assembly | 1 |
| | G103-0501563 | | (DR-1887761) | | PIN, dowel, cranking motor annulus gear | 4 |
| | G103-0501792 | 06-7 | (DR-1887753) | | SCREW, cranking motor annulus gear | 4 |
| H-1 | H001-7025591 | 06-7 | 121841 | | WASHER, lock, reg., S., cd-pltd., No. 8 (BECX1D-1) | 4 |
| | G103-0502269 | 06-7 | A291301 (DR-813731) | A291301 | WASHER, plain, cranking motor annulus gear (reg., S., zn-pltd., SAE std., No. 8) | 4 |
| | G103-0501577 | 06-7 | (DR-1887708) | | GEAR, cranking motor armature shaft | 1 |
| | G103-0501790 | 06-7 | (DR-1887665) | | SCREW, special, cranking motor armature shaft (fl-hd., S., cd-pltd., ¼-32 x 11/32 long) | 1 |
| | G103-0500952 | 06-7 | (DR-1887679) | | GEAR, cranking motor hand crankshaft | 1 |
| | G103-0500954 | 06-7 | (DR-1887672) | | GEAR, intermediate, cranking motor | 1 |
| | G103-0502101 | 06-7 | (DR-1887701) | | GEAR, sun, cranking motor, w/BUSHING, assembly | 1 |
| | G103-0501508 | 06-7 | (DR-1887730) | | NUT, retaining, cranking motor sun gear | 1 |
| | G103-0501308 | 06-7 | (DR-1887729) | | WASHER, lock, cranking motor sun gear nut (special) | 1 |
| | G103-0502298 | 06-7 | (DR-1887727) | | WASHER, spacer, cranking motor sun gear (bz., .689 I.D. x 1⅛ O.D. x .064 thk.) | 1 |
| | G103-0502303 | 06-7 | (DR-1887694) | | WASHER, thrust, cranking motor sun gear (bz., .690 I.D. x ⅞ O.D. x .062 thk.) | 1 |
| | G102-0400835 | 06-7 | A215022 (DR-1904422) | A215022 | HOLDER, cranking motor brush | 4 |
| | G103-0501574 | | (DR-1904907) | | PIN, hinge, cranking motor brush holder (insulated) | 4 |
| | G103-0501575 | 06-7 | (DR-1904909) | | PIN, stop, cranking motor brush holder (insulated) | 4 |
| | G103-0501042 | 06-7 | (DR-1887756) | | HOUSING, cranking motor gear and race | 1 |
| | G103-1618080 | | (DR-1900342) | | HOUSING, cranking motor gear and race, assembly (Includes: GEAR, RACE, SCREWS and WASHERS) | 1 |
| | G103-0500194 | 06-7 | (DR-1887661) | | BOLT, cranking motor gear and race housing | 6 |
| | G103-0501464 | 06-7 | (DR-1887535) | | NUT, cranking motor gear and race housing bolt | 6 |
| | G103-1787053 | 06-7 | (DR-1900316) | | INSULATOR, cranking motor terminal shield | 1 |
| | G104-2443069 | 06-7 | (DR-1901940) | | INSULATOR, cranking motor terminal stud | 1 |
| | G103-0501179 | 06-7 | (DR-1887688) | | JAW, cranking motor hand crank | 1 |
| | G103-0500192 | 06-7 | (DR-1887678) | | BOLT, cranking motor hand crank jaw to shaft | 1 |
| | G103-0500193 | 06-7 | (DR-1887677) | | NUT, slotted, cranking motor hand crank jaw bolt (hex., S., cd-pltd., ¼-28NF-2 x 7/16) | 1 |
| H-1 | H001-0811719 | 06-7 | 137141 | | PIN, cotter, split, S., cd-pltd., 1/16 x ⅝ (BFAX1BD-1) | 1 |
| | G103-0501178 | 06-7 | (DR-1887699) | | JAW, meshing, cranking motor | 1 |
| | G103-0502301 | 06-7 | (DR-1887697) | | WASHER, sealing, cranking motor meshing jaw (rubber, 11/64 I.D. x .677 O.D. x 1/16 thk.) | 1 |
| | G103-0501168 | 06-7 | (DR-1887682) | | KEY, cranking motor hand crankshaft | 2 |
| H-1 | H001-0518010 | | 124543 | | KEY, Woodruff, ni-S., ⅛ x ½ (No. 404) (cranking motor armature shaft, drive end) (BGAX5B) | 1 |
| | | 01-1,2, 06-7 | D47397A | D47397 | MOTOR, cranking, assembly | 1 |
| | G103-0501371 | 06-7 | (DR-1887710) | | NUT, adjusting, cranking motor ball | 1 |
| | G103-0501525 | 06-7 | (DR-1887716) | | NUT, adjusting, cranking motor clutch | 1 |
| | G103-0502301 | | (DR-1887697) | | OIL SEAL, cranking motor meshing jaw rod | 1 |
| H-1 | H101-0137150 | 06-7 | 137150 | | PIN, cotter, split, S., cd-pltd., 1/16 x ⅞ (cranking motor intermediate gear shaft and cranking motor hand crankshaft) (BFAX1BF-1) | 2 |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G103-0500953 | 06-7 | (DR-1887673) | | PINION, cranking motor intermediate gear shaft | 1 | |
| | G103-0501524 | 06-7 | (DR-1887674) | | NUT, slotted, cranking motor intermediate gear shaft pinion (hex., 7/16-24) | 1 | |
| | G103-0501576 | 06-7 | (DR-1887695) | | PINION, planet, cranking motor, w/ball BEARING, assembly | 3 | |
| | G103-0501869 | 06-7 | (DR-1887711) | | SCREW, retaining, cranking motor planet pinion (fl-hd., S., ¼-28NF x 27/32 long) | 3 | |
| | G103-0501941 | 06-7 | (DR-1887712) | | WASHER, spacer, cranking motor planet pinion (S., .474 I.D. x ¾ O.D. x .015 thk.) | 6 | |
| | G103-0501613 | | (DR-1887343) | | PLATE, cranking motor armature shaft, drive end | 1 | |
| H-1 | H001-5127351 | | 120216 (DR-5017850) | | SCREW, dld. f/lkg-wire., S., cd-pltd., No. 10 (.190)-32NF-2 x 15/32 (BCGX-1.1BF-1) | 3 | |
| | G103-0500122 | 06-7 | (DR-1887762) | | PLATE, baffle, cranking motor, w/meshing jaw friction SEAL, assembly | 1 | |
| H-1 | H101-0133418 | 06-7 | 133418 | | SCREW, mach., fl-hd., S., cd-pltd., No. 6 (.138)-32NC-2 x 1¼ (BCKX1ED-1) | 4 | |
| | G103-0500493 | 06-7 | (DR-1888444) | | PLATE, cranking motor clutch, assembly (package) | 1 | |
| | G103-0501526 | 06-7 | (DR-1887720) | | NUT, splined, cranking motor clutch plate | 1 | |
| | G103-0501611 | 06-7 | (DR-1887356) | | PLATE, cover, cranking motor, commutator end | 1 | |
| | G103-0501782 | 06-7 | (DR-1886500) | | SCREW, mach., cranking motor cover plate, commutator end | 3 | |
| | G103-0501612 | 06-7 | (DR-1887323) | | PLATE, retaining, cranking motor armature shaft felt washer, drive end | 1 | |
| | G103-0501844 | 06-7 | (DR-1887324) | | SCREW, cranking motor armature shaft felt washer retaining plate (dld. f/lkg-wire., No. 8 (.164)-32NF-2 x ¼) | 3 | |
| | G103-0501613 | 06-7 | (DR-1887343) | | PLATE, retaining, cranking motor hand crankshaft ball bearing | 1 | |
| H-1 | H001-5127351 | 06-7 | 120216 (DR-5017850) | | SCREW, dld. f/lkg-wire., S., cd-pltd., No. 10 (.190)-32NF-2 x 15/32 (BCGX-1.1BF-1) | 3 | |
| | G103-0303071 | 06-7 | (DR-1887671) | | PLATE, supporting, cranking motor intermediate gear and armature drive end shaft bearing | 1 | |
| | G103-0500138 | 06-7 | (DR-1887758) | | RACE, ball, cranking motor bearing, inner | 1 | |
| | G103-0501726 | 06-7 | (DR-1887790) | | RACE, ball, cranking motor bearing, outer | 1 | |
| | G103-0501724 | 06-7 | (DR-1887681) | | RATCHET, cranking motor hand crank, movable | 1 | |
| | G103-0501723 | 06-7 | (DR-1887680) | | RATCHET, cranking motor hand crank, stationary | 1 | |
| | G103-0501747 | 06-7 | (DR-1887757) | | RETAINER, ball, cranking motor drive housing | 2 | |
| | G103-0501788 | 06-7 | (DR-1864533) | | SCREW, cranking motor bearing retainer plate (fil-hd., S., zn-pltd., dld. f/lkg-wire., No. 10 (.190)-32NF-2 x ⅝) | 3 | |
| | G103-0501746 | 06-7 | (DR-1887726) | | RETAINER, cranking motor planet pinion | 1 | |
| | G103-0501985 | 06-7 | (DR-1887717) | | RING, cranking motor drive spring, w/STUD, assembly | 1 | |
| | G103-0501742 | 06-7 | (DR-1887709) | | RING, lock, cranking motor ball retainer nut | 1 | |
| | G103-0501727 | 06-7 | (DR-1887715) | | RING, lock, cranking motor clutch adjusting nut | 1 | |
| | G103-0501728 | 06-7 | (DR-1887713) | | ROD, cranking motor meshing jaw | 1 | |
| | G103-0501507 | 06-7 | (DR-1887696) | | NUT, slotted, cranking motor meshing jaw rod (hex., No. 12 (.216)-28NF x 3/16) | 1 | |
| | G103-0501564 | 06-7 | (DR-1887722) | | PIN, cotter, cranking motor meshing jaw rod nut | 1 | |
| | G103-0502299 | 06-7 | (DR-1887698) | | WASHER, cup, cranking motor meshing jaw rod | 1 | |
| | G103-0501844 | | (DR-1887324) | | SCREW, retainer plate to drive end frame | 3 | |
| | G103-0501871 | 06-7 | (DR-1887687) | | SHAFT, cranking motor hand crank | 1 | |
| | G103-0501509 | 06-7 | (DR-1887689) | | NUT, slotted, cranking motor hand crankshaft | 1 | |
| | G103-0501943 | 06-7 | (DR-1888394) | | SHAFT, cranking motor meshing jaw, w/ROD, assembly | 1 | |

| | | | | | |
|---|---|---|---|---|---|
| | G103-0501944 | 06-7 | (DR-1887714) | SHAFT, screw, cranking motor meshing jaw | 1 |
| | G103-1784842 | 06-7 | (DR-1900318) | SHIELD, cranking motor terminal | 1 |
| H-1 | H101-0138553 | | 138553 (GM-138553) | WASHER, lock, internal teeth, reg., S., cd-pltd., 9/16 (BEAX2C-1) | 1 |
| | G103-0501959 | 06-7 | (DR-1887725) | SPACER, cranking motor clutch plate to barrel | 1 |
| | G103-0501972 | 06-7 | (DR-1887416) | SPACER, cranking motor commutator end ball bearing to cover | 1 |
| | G103-0501984 | 06-7 | (DR-1887719) | SPACER, cranking motor drive spring | 1 |
| | G103-1789594 | 06-7 | (DR-1855685) | SPRING, tension, cranking motor brush | 4 |
| | G103-0501983 | 06-7 | (DR-1887718) | SPRING, cranking motor drive clutch | 9 |
| | G103-0501986 | 06-7 | (DR-1887693) | SPRING, cranking motor hand crank ratchet and cranking motor meshing jaw rod | 1 |
| | G103-0502099 | 06-7 | (DR-1887670) | SUPPORT, cranking motor drive end bearing and gear, assembly (Includes: BEARINGS, GEAR, NUT, PIN, PINION, PLATES and SCREW) | 1 |
| | G104-2392405 | 06-7 | (DR-1902090) | TERMINAL, cranking motor stud and lead, assembly | 1 |
| H-1 | H001-4133820 | 06-7 | 134570 (GM-134570) | NUT, hex., br., ⅜-16NC-2 (BBKX3AL) | 2 |
| | G104-2443069 | | (DR-1901940) | WASHER, insulating, terminal stud (sq.) | 1 |
| | G103-0502265 | 06-7 | (DR-1861076) | WASHER, insulating, cranking motor terminal stud (25/64 I.D. x ¾ O.D. x 3/32 thk.) | 2 |
| H-1 | H001-7017681 | 06-7 | 138489 (GM-138489) | WASHER, lock, external teeth, S., cd-pltd., .391 I.D. x .680 O.D. x .035 thk. (BEAX7H-1) | 2 |
| | G103-1842704 | 06-7 | (DR-805790) | WASHER, plain, cranking motor terminal stud (S., zn-pltd., .383 I.D. x 11/16 O.D. x 1/16 thk.) | 1 |

## 0603.8-ECLIPSE CRANKING MOTOR

| | | | | | |
|---|---|---|---|---|---|
| | G104-0500050 | 06-8 | (EC-60105) | ARMATURE, cranking motor, assembly | 1 |
| H-2 | H002-0100110 | 06-8 | 104916 (EC-23008-3) | BALL, chr., alloy-S., grade 2, 3/16 in. (cranking motor housing) (CCAX1B) | 120 |
| | G104-0500090 | 06-8 | (EC-82032-2) | BARREL, cranking motor, w/CLUTCH, assembly (Includes: BUSHING, DISC, NUTS, RING, SHAFT, SPACER and SPRING) (superseded by BARREL, G104-0500080) | 1 |
| | G104-0500080 | 06-8 | (EC-20191) | BARREL, cranking motor, w/STUD, assembly (supersedes BARREL, G104-0500090) | 1 |
| | G104-0500140 | 06-8 | (EC-80914) | BEARING, ball (annular) (cranking motor driven pinion) | 1 |
| H-12 | H012-1303075 | 06-8 | (EC-20504-14) | BEARING, ball (annular, single row, light series, .5906 bore, 1.3780 O.D., .4331 width) (cranking motor crankshaft) (SAE-202) | 1 |
| | G104-0500110 | 06-8 | (EC-20504-3) (SKF-I-70743) (ND-7501L) | BEARING, ball (annular, single row, w/LUBRI-SEAL, .4724 bore, 1.2598 O.D., .3937 width) (cranking motor housing and barrel) | 2 |
| H-12 | H012-0710010 | 06-8 | 710010 (EC-20504-12) (SKF-465404) | BEARING, ball (annular, single row, w/single FABRI-SEAL, .4724 bore, 1.2598 O.D., .500 overall width)(cranking motor armature shaft end) | 1 |
| | G104-0500150 | 06-8 | (EC-8628) | BEARING, roller, cranking motor crankshaft and housing | 1 |
| | G104-0500210 | | (EC-60217) | BOARD, brush, cranking motor, assembly (superseded by BOARD, G104-7006701) | 1 |
| | G104-7006701 | | 7006701 (EC-103258) | BOARD, brush, cranking motor, assembly (supersedes BOARD, G104-0500210) | 1 |
| | G104-0500440 | 06-8 | EC-60249) | BRUSH, cranking motor, assembly | 1 |
| H-1 | H001-1024068 | 06-8 | 100918 (EC-20506-7) | SCREW, mach., fil-hd., br., No. 8 (.164)-32NC-2 x ¼ (BCFX4AB) | 4 |
| | G104-0505130 | 06-8 | (EC-20500-22) | WASHER, lock, bz., No. 8 | 4 |


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# FIGURE 06-8 — ECLIPSE CRANKING MOTOR ASSEMBLY, D47397 — EXPLODED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | JAW | EC-54163 | 0603.8 |
| B | NUT | EC-41370 | 0603.8 |
| C | PIN | EC-20503-9 | 0603.8 |
| D | SCREW | EC-14078 | 0603.8 |
| E | COVER | EC-54164 | 0603-8 |
| F | COLLAR | EC-15207 | 0603.8 |
| G | CUP | EC-11013 | 0603.8 |
| H | SPRING | EC-11012 | 0603.8 |
| I | RATCHET | EC-11937 | 0603.8 |
| J | RATCHET | EC-11936 | 0603.8 |
| K | WASHER | EC-29405 | 0603.8 |
| L | RING | EC-12104 | 0603.8 |
| M | BEARING | EC-8628 | 0603.8 |
| N | RACE | EC-12014 | 0603.8 |
| O | HOUSING, ass'y | EC-54162 | 0603.8 |
| P | KEY | EC-11922 | 0603.8 |
| Q | SHAFT | EC-21606 | 0603.8 |
| R | BEARING | EC-20504-14 | 0603.8 |
| S | SCREW | EC-11558 | 0603.8 |
| T | PLATE | EC-43345 | 0603.8 |
| U | SCREW | EC-42074 | 0603.8 |
| V | SCREW | EC-13799 | 0603.8 |
| W | RETAINER | EC-21622 | 0603.8 |
| X | PIN | EC-20503-11 | 0603.8 |
| Y | NUT | EC-63021 | 0303.8 |
| Z | GEAR | EC-63017 | 0603.8 |
| AA | BEARING | EC-20504-3 | 0603.8 |
| AB | SPACER | EC-15774 | 0603.8 |
| AC | HOUSING, ass'y | EC-21604 | 0603.8 |
| AD | BEARING | EC-20504-3 | 0603.8 |
| AE | GEAR | EC-63020 | 0603.8 |
| AF | PINION | EC-56712 | 0603.8 |
| AG | BEARING | EC-80914 | 0603.8 |
| AH | SPACER | EC-56713 | 0603.8 |
| AI | LOCK | EC-12163 | 0603.8 |
| AJ | NUT | EC-12046 | 0603.8 |
| AK | SCREW | EC-11558 | 0603.8 |
| AL | NUT | EC-11486 | 0603.8 |
| AM | SHAFT, ass'y | EC-64439 | 0603.8 |
| AN | SCREW | EC-12079 | 0603.8 |
| AO | WASHER | EC-20500-13 | 0603.8 |
| AP | WASHER | EC-701 | 0603.8 |
| AQ | HOUSING, ass'y | EC-91185-2 | 0603.8 |
| AR | GEAR | EC-63016 | 0603.8 |
| AS | NUT | EC-13235 | 0603.8 |
| AT | PIN | EC-20503-11 | 0603.8 |
| AU | GASKET | EC-64429 | 0603.8 |
| AV | COVER | EC-63015 | 0603.8 |
| AW | SCREW | EC-28053 | 0603.8 |
| AX | ARMATURE, ass'y | EC-60105 | 0603.8 |
| AY | GASKET | EC-40762 | 0603.8 |
| AZ | SCREW | EC-11558 | 0603.8 |
| BA | HOUSING, ass'y | EC-82037-3 | 0603.8 |
| BB | HOUSING, ass'y | EC-82031-3 | 0603.8 |
| BC | PLATE, ass'y | EC-74020 | 0603.8 |
| BD | SCREW | EC-20507-7 | 0603.8 |
| BE | PLATE | EC-74906 | 0603.8 |
| BF | SPRING | EC-18428 | 0603.8 |
| BG | WASHER | EC-66854 | 0603.8 |
| BH | NUT | EC-11565 | 0603.8 |
| BI | PIN | EC-20503-9 | 0603.8 |
| BJ | JAW | EC-68816 | 0603.8 |
| BK | WASHER | EC-66853 | 0603.8 |
| BL | OIL SEAL | EC-20813 | 0603.8 |
| BM | KEY | EC-11922 | 0603.8 |
| BN | SPACER | EC-14849 | 0603.8 |
| BO | NUT | 503338 | 0603.8 |
| BP | WASHER | EC-7525 | 0603.8 |
| BQ | BOLT | EC-90662 | 0603.8 |
| BR | STRAP, ass'y | EC-54181 | 0603.8 |
| BS | SCREW | EC-20506-7 | 0603.8 |
| BT | WASHER | EC-20500-22 | 0603.8 |
| BU | BRUSH, ass'y | EC-60249 | 0603.8 |
| BV | BEARING | EC-20504-12 | 0603.8 |
| BW | PIN | EC-20503-5 | 0603.8 |
| BX | NUT | EC-11749 | 0603.8 |
| BY | SPACER | EC-20321 | 0603.8 |
| BZ | GEAR, ass'y | EC-13796 | 0603.8 |
| CA | WASHER | EC-11538 | 0603.8 |
| CB | SCREW | EC-11472 | 0603.8 |
| CD | RING | EC-11489 | 0603.8 |
| CE | SPACER | EC-11498 | 0603.8 |
| CF | PINION | EC-11588 | 0603.8 |
| CG | SPACER | EC-11498 | 0603.8 |
| CH | BARREL, ass'y | EC-82032-2 | 0603.8 |
| CI | RING | EC-12010 | 0603.8 |
| CJ | RACE | EC-12855 | 0603.8 |
| CK | GEAR, ass'y | EC-15351 | 0603.8 |
| CL | HOUSING | EC-42626 | 0603.8 |
| CM | WASHER | EC-10540 | 0603.8 |
| CN | SCREW | EC-17959 | 0603.8 |
| CO | RACE | EC-42542 | 0603.8 |
| CP | RING | EC-12010 | 0603.8 |
| CQ | RING | EC-12157 | 0603.8 |
| CR | NUT | EC-42614 | 0603.8 |
| CS | BALL | EC-23008-3 | 0603.8 |
| CT | WASHER | 106496 | 0603.8 |
| CU | WASHER | EC-15735 | 0603.8 |
| CV | WASHER | EC-11744 | 0603.8 |
| CW | BARREL, ass'y | EC-20191 | 0603.8 |
| CX | SPACER | EC-11464 | 0603.8 |
| CY | SHAFT, ass'y | EC-82034 | 0603.8 |
| CZ | DISC | EC-80248 | 0603.8 |
| DA | BUSHING | EC-80250 | 0603.8 |
| DB | NUT | EC-82033 | 0603.8 |
| DC | SPACER | EC-11830 | 0603.8 |
| DD | RING, ass'y | EC-11837 | 0603.8 |
| DE | NUT | EC-68818 | 0603.8 |
| DF | RING | EC-68819 | 0603.8 |
| DG | SPRING | EC-11532 | 0603.8 |

RA PD 337866C

# GROUP 06 — ELECTRICAL

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0500580 | | A162521 (EC-13710) | A162521 | BUSHING, cranking motor sun gear | 1 | |
| | G104-0500570 | 06-8 | (EC-80250) | | BUSHING, spline nut, cranking motor barrel and clutch | 1 | |
| | G104-0500610 | | (EC-12008) | | CAP, bearing, cranking motor commutator end | 1 | |
| | G103-0105400 | | A158984 (EC-11558) | A158984 | SCREW, cranking motor commutator end bearing cap (mach., fil-hd., S., cd-pltd., dld. f/lkg-wire., No. 8 (.164)-32NC-3 x 3/8) (special) | 4 | |
| | G103-0500461 | | A166543 (EC-22878) | A166543 | CLIP, joining, cranking motor field coil | 2 | |
| | G104-0502630 | | (EC-82866) | | CLUTCH, cranking motor service, w/DISC, assembly | 1 | |
| | G104-0501180 | | (EC-91186) | | COIL, field, cranking motor, assembly (Includes: POST and TERMINAL) | 1 | |
| | G104-0500770 | 06-8 | A162624 (EC-15207) | A162624 | COLLAR, spline, cranking motor | 1 | |
| | | | (EC-60107) | | CORE, armature, cranking motor, assembly | 1 | |
| | G104-0500990 | 06-8 | A162676 (EC-54164) | A162676 | COVER, cranking motor crankshaft ratchet | 1 | |
| | G104-0503610 | 06-8 | A162536 (EC-14078) | A162536 | SCREW, cranking motor crankshaft ratchet cover | 6 | |
| | G104-0500980 | 06-8 | (EC-63015) | | COVER, cranking motor housing | 1 | |
| | G103-0105288 | 06-8 | A166574 (EC-28053) | A166574 | SCREW, cranking motor housing cover | 2 | |
| | G104-0501000 | | (EC-70449) | | COVER, cranking motor terminal shield | 1 | |
| | G104-0503700 | | (EC-16836) | | SCREW, cranking motor terminal shield cover | 2 | |
| | G104-0505000 | | (EC-33338) | | WASHER, cranking motor terminal shield cover screw | 2 | |
| | G104-0501060 | 06-8 | (EC-11013) | | CUP, cranking motor crankshaft ratchet spring | 1 | |
| | G104-0501080 | 06-8 | (EC-80248) | | DISC, cranking motor clutch, inner | 11 | |
| | G104-0501090 | | (EC-80249) | | DISC, cranking motor clutch, inner | 11 | |
| | G104-0501100 | | (EC-92391) | | DISC, cranking motor clutch, stop | 1 | |
| | G104-0501290 | 06-8 | (EC-64429) | | GASKET, cranking motor dust cover | 1 | |
| | G038-0126690 | 06-8 | (EC-40762) | | GASKET, cranking motor oil seal | 1 | |
| | | | (EC-14876) | | GEAR, annulus, cranking motor | 1 | |
| | G104-0501310 | 06-8 | B152970 (EC-15351) | B152970 | GEAR, annulus, cranking motor, w/PIN, assembly | 4 | |
| | G104-0503440 | 06-8 | A190771 (EC-17959) | A190771 | SCREW, cranking motor annulus gear | 4 | |
| | | 06-8 | (EC-10540) | | WASHER, plain, cranking motor annulus gear | 4 | |
| H-1 | H001-1518004 | 06-8 | 106496 | | WASHER, lock, reg., S., No. 8 (BECX1D) | 4 | |
| | G104-0501330 | 06-8 | (EC-63017) | | GEAR, crank, cranking motor, driven | 1 | |
| | G104-0501320 | 06-8 | (EC-63016) | | GEAR, crank, cranking motor, driving | 1 | |
| | G104-0501340 | 06-8 | (EC-63020) | | GEAR, cranking motor, intermediate | 1 | |
| | | | (EC-13694) | | GEAR, sun, cranking motor | 1 | |
| | G104-0501300 | 06-8 | (EC-13796) | | GEAR, sun, cranking motor, w/BUSHING, assembly | 1 | |
| | G104-0501526 | 06-8 | (EC-91185-2) | | HOUSING, cranking motor, assembly (Includes: BOARD, COIL, COVER, INSULATORS, SCREWS, SHIELD, SHOE, WASHERS, WIRE and YOKE) | 1 | |
| | G104-0500240 | 06-8 | (EC-90662) | | BOLT, cranking motor housing | 4 | |

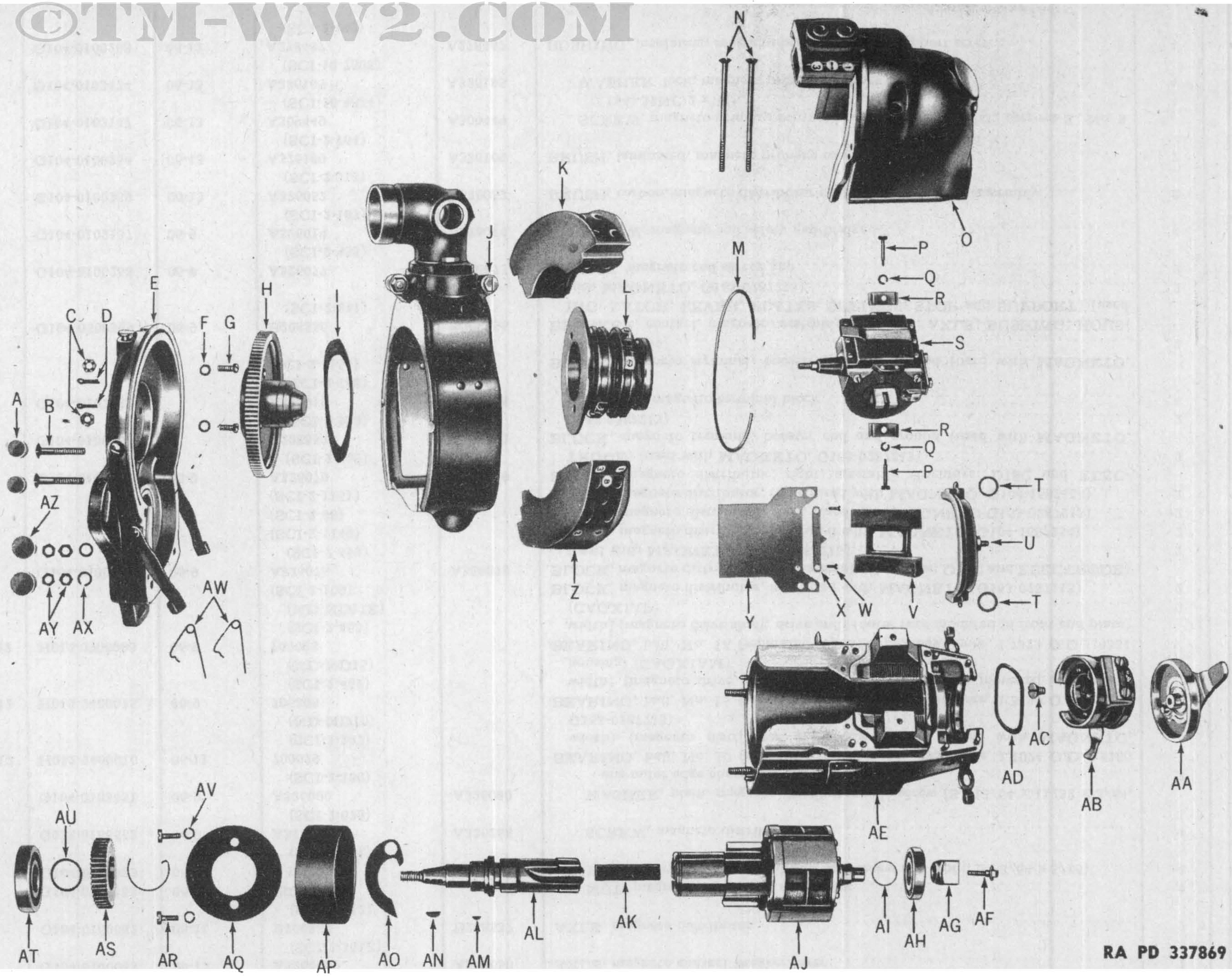
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|---|---|---|---|---|---|---|
| H-1 | H001-0725640 | 06-8 | 503338 (EC-45501) | | NUT, safety, alloy-S., cd-pltd., ¼-28NF-3 (BBSX4AA) | 4 |
| | G104-0504820 | 06-8 | A162596 (EC-7525) | A162596 | WASHER, plain, cranking motor housing to housing bolt (S., cd-pltd., 17/64 x 7/16 x 1/32) | 4 |
| | G104-0501580 | 06-8 | (EC-42626) | | HOUSING, cranking motor, front | 1 |
| | G104-0501525 | 06-8 | (EC-82031-3) | | HOUSING, cranking motor, front, assembly (Includes: BALL, BARREL, CLUTCH, GEAR, NUT, PINION, RACE, RING, SCREW, SPACER, WASHER and WIRE) | 1 |
| | G104-0501590 | 06-8 | B152979 (EC-54162) | B152979 | HOUSING, cranking motor hand crankshaft, w/LINER, assembly | 1 |
| | G104-0501810 | 06-8 | (EC-82037-3) | | HOUSING, cranking motor, intermediate, assembly (Includes: BEARINGS, GEAR, LOCK, NUTS, PIN, PINION, RETAINER, SCREW, SPACERS and WIRE) | 1 |
| | G104-2217867 | | (EC-91209) | | HOUSING, stripped, cranking motor, assembly (superseded by HOUSING, G104-0501610) | 1 |
| | G104-0501610 | | (EC-100610) | | HOUSING, stripped, cranking motor, assembly (supersedes HOUSING, G104-2217867) | 1 |
| | G104-0501600 | 06-8 | C65755 (EC-21604) | C65755 | HOUSING, stripped, cranking motor, intermediate, assembly | 1 |
| | G104-0500530 | | (EC-70450) | | INSULATION, cranking motor terminal post | 1 |
| | G104-0501690 | | (EC-83157) | | INSULATOR, cranking motor armature | 1 |
| | G104-0501700 | | (EC-47456) | | INSULATOR, cranking motor brush board | 1 |
| | G104-0501770 | | (EC-28383) | | INSULATOR, cranking motor terminal lug | 1 |
| | G104-0501830 | 06-8 | (EC-68816) | | JAW, cranking motor | 1 |
| | G104-0501480 | 06-8 | (EC-54163) | | JAW, cranking motor crank | 1 |
| | G104-0502480 | 06-8 | (EC-41370) | | NUT, cranking motor crank jaw | 1 |
| H-1 | H001-0811026 | 06-8 | 107761 (EC-20503-9) | | PIN, cotter, split, S., cd-pltd., 1/16 x ⅝ (BFAX1BD) | 1 |
| | G104-0500230 | 06-8 | A162544 (EC-42074) | A162544 | SCREW, cranking motor crank jaw | 1 |
| | G104-0501860 | 06-8 | A162567 (EC-11922) | A162567 | KEY, cranking motor crankshaft and driving pinion | 2 |
| | | | (EC-43346) | | LINER, cranking motor hand crank housing | 1 |
| | G104-0502010 | 06-8 | (EC-12163) | | LOCK, cranking motor pinion nut | 1 |
| | G104-0502090 | | A162586 (EC-14967) | A162586 | LUG, terminal, cranking motor housing | 1 |
| | G104-0504120 | 06-8 | D47397 (EC-89320) | D47397 | MOTOR, cranking, assembly (Eclipse type 817, model 1, style A) | 1 |
| | G104-0502430 | 06-8 | (EC-42614) | | NUT, adjusting, cranking motor front housing | 1 |
| | G104-0502420 | 06-8 | A158787 (EC-11486) | A158787 | NUT, cranking motor armature post | 2 |
| | G104-0502380 | | (EC-18917-1) | | NUT, cranking motor armature post | 2 |
| | G104-0502460 | 06-8 | (EC-68818) | | NUT, cranking motor armature shaft | 1 |
| | G104-0502340 | 06-8 | (EC-13235) | | NUT, cranking motor driving gear | 1 |
| | G104-0502490 | 06-8 | (EC-63021) | | NUT, cranking motor intermediate housing crank driven gear | 1 |
| | G104-0502530 | 06-8 | A162565 (EC-12046) | A162565 | NUT, cranking motor intermediate housing pinion (superseded by NUT, G104-7002321) | 1 |
| | G104-7002321 | | 7002321 (EC-122882) | | NUT, cranking motor intermediate housing pinion (supersedes NUT, G104-0502530) | 1 |
| | G104-0502520 | 06-8 | A162548 (EC-11565) | A162548 | NUT, cranking motor meshing rod | 1 |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0502560 | 06-8 | A162559 (EC-11749) | A162559 | NUT, retaining, cranking motor sun gear | 1 | |
| | G104-0502550 | 06-8 | (EC-82033) | | NUT, spline, cranking motor front housing | 1 | |
| | G104-0502620 | | (EC-4072) | | NUT, wing, cranking motor and generator strap bolt | 1 | |
| | G104-0503750 | 06-8 | (EC-20813) | | OIL SEAL, cranking motor, assembly (Includes: PLATE, RETAINER and WASHER) | 1 | |
| | G104-0503530 | 06-8 | (EC-11558) | | SCREW, mach., fil-hd., S., cd-pltd., dld. f/lkg-wire., No. 8 (.164)-32NC-3 x ⅜ (special) | 6 | |
| | G104-0502740 | 06-8 | (EC-20503-5) | | PIN, cotter, cranking motor armature post nut (split, S., cd-pltd., 3/64 x ⅝) | 1 | |
| H-1 | H001-0811026 | 06-8 | 107761 (EC-20503-9) | | PIN, cotter, split, S., 1/16 x ⅝ (cranking motor armature) (BFAX1BD) | 1 | |
| H-1 | H001-0811028 | 06-8 | 103363 (EC-20503-11) | | PIN, cotter, split, S., 1/16 x 1 (cranking motor crank driving gear nut) (BFAX1BQ) | 1 | |
| H-1 | H001-0811028 | 06-8 | 103363 (EC-20503-11) | | PIN, cotter, split, S., 1/16 x 1 (cranking motor intermediate housing crank driven gear nut) (BFAX1BQ) | 1 | |
| | G104-0502700 | | A162563 (EC-15350) | A162563 | PIN, dowel, cranking motor annulus gear | 4 | |
| | G104-0502790 | 06-8 | (EC-56712) | | PINION, driving, cranking motor intermediate housing | 1 | |
| | | | (EC-11454) | | PINION, planetary, cranking motor | 3 | |
| | G103-0501573 | 06-8 | A162612 (EC-11588) | A162612 | PINION, planetary, cranking motor, w/BUSHING, assembly | 3 | |
| | G104-0500060 | 06-8 | (EC-74020) | | PLATE, baffle, cranking motor, w/OIL SEAL, assembly | 1 | |
| | G104-0502810 | 06-8 | (EC-43345) | | PLATE, retainer, cranking motor crankshaft and housing ball bearing | 1 | |
| | G104-0503530 | 06-8 | (EC-11558) | | SCREW, cranking motor retaining plate (mach., fil-hd., S., cd-pltd., dld. f/lkg-wire., No. 8 (.164)-32NC-3 x ⅜) (special) | 6 | |
| | | | (EC-55456) | | PLATE, name, cranking motor | 1 | |
| | | | (EC-22996-1) | | SCREW, name plate to housing (self-tapping, No. 4 x 3/16) | 4 | |
| | | 06-8 | (EC-74906) | | PLATE, retaining, cranking motor baffle | 1 | |
| | G104-0502030 | | A162679 (EC-54178) | A162679 | POST, cranking motor field coil terminal | 1 | |
| | G104-0502970 | 06-8 | (EC-12855) | | RACE, ball, cranking motor barrel and clutch | 1 | |
| | G104-0502980 | 06-8 | (EC-42542) | | RACE, ball, cranking motor barrel and clutch | 1 | |
| | G104-0503000 | 06-8 | (EC-12014) | | RACE, roller bearing, cranking motor crankshaft and housing | 1 | |
| | G104-0503050 | 06-8 | (EC-11937) | | RATCHET, movable, cranking motor crankshaft | 1 | |
| | G104-0503060 | 06-8 | A162616 (EC-11936) | A162616 | RATCHET, stationary, cranking motor crankshaft | 1 | |
| | G104-0503120 | 06-8 | (EC-21622) | | RETAINER, ball bearing, cranking motor drive pinion | 1 | |
| | | | (EC-17728) | | RETAINER, felt, cranking motor oil seal | 1 | |
| | G104-0503160 | 06-8 | A162618 (EC-12010) | A162618 | RING, cranking motor barrel and clutch bearing | 2 | |
| | G104-0503150 | 06-8 | A162615 (EC-11837) | A162615 | RING, cranking motor clutch spring, w/STUDS, assembly | 1 | |
| | G104-0503180 | 06-8 | (EC-68819) | | RING, lock, cranking motor barrel and clutch | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0503170 | 06-8 | (EC-12157) | | RING, lock, cranking motor barrel and clutch adjusting | 1 |
| | G104-0503040 | 06-8 | (EC-12104) | | RING, lock, cranking motor crankshaft and housing | 1 |
| | G104-0503200 | 06-8 | (EC-11489) | | RING, retaining, cranking motor planetary gear | 1 |
| | G104-0503230 | | (EC-82036) | | ROD, meshing, cranking motor screw shaft | 1 |
| | G104-0102176 | | (EC-74018) | | SCREW, armature shaft | 1 |
| | G104-0503450 | 06-8 | A162568 (EC-13799) | A162568 | SCREW, cranking motor intermediate housing driving pinion bearing retainer | 4 |
| | G104-0503410 | | (EC-12582) | | SCREW, cranking motor brush (mach., fil-hd., S., cd-pltd., dld. f/lkg-wire., No. 8 (.164)-32NC-2 x ⅝) | 2 |
| H-1 | H001-1021123 | | 114325 (EC-20507-54) | | SCREW, cranking motor terminal shield (mach., fl-hd., ¼-20NC-2 x ¾) (BCKX4CG) | 1 |
| | G104-0503390 | 06-8 | (EC-20507-7) | | SCREW, retaining plate to baffle plate (mach., fl-hd., S., cd-pltd., No. 6 (.138)-32NC-2 x 5/16) | 4 |
| | G104-0503590 | 06-8 | A162527 (EC-11472) | A162527 | SCREW, retaining, cranking motor planetary gear | 3 |
| | G104-0503640 | 06-8 | (EC-82034) | | SHAFT, cranking motor barrel and clutch screw, w/ROD, assembly | 1 |
| | G104-0501040 | 06-8 | (EC-64439) | | SHAFT, crank, cranking motor, assembly (Includes: BEARING, COLLAR, COVER, CUP, HOUSING, JAW, KEY, NUT, PIN, PLATE, RACE, RATCHETS, RING, SCREW, SPRING, WASHER and WIRE) | 1 |
| | G104-0503550 | 06-8 | (EC-12079) | | SCREW, cranking motor crankshaft | 4 |
| H-1 | H001-1518007 | 06-8 | 103319 (EC-20500-13) | | WASHER, lock, S., ¼ (BECX1G) | 4 |
| | G104-0505100 | 06-8 | A162531 (EC-701) | A162531 | WASHER, plain, cranking motor crankshaft screw | 4 |
| | G104-0503760 | 06-8 | (EC-21606) | | SHAFT, cranking motor hand crank | 1 |
| | G104-0503810 | | (EC-70448) | | SHIELD, cranking motor terminal | 1 |
| | G104-0503830 | | A162629 (EC-20182) | A162629 | SHOE, pole, cranking motor, assembly | 1 |
| | G104-0503600 | | A162672 (EC-54157) | A162672 | SCREW, cranking motor pole shoe | 4 |
| H-1 | H001-1518008 | | 103320 (EC-20500-6) | | WASHER, lock, S., 5/16 (BECX1H) | 4 |
| | G104-0503900 | 06-8 | A162584 (EC-14849) | A162584 | SPACER, ball bearing, cranking motor commutator end | 1 |
| | G104-0503930 | 06-8 | (EC-11464) | | SPACER, cranking motor barrel and clutch | 1 |
| | G104-0503980 | 06-8 | A162613 (EC-11830) | A162613 | SPACER, cranking motor barrel and clutch spring | 1 |
| | G104-0503960 | 06-8 | A162564 (EC-15774) | A162564 | SPACER, cranking motor intermediate housing crank driven gear | 1 |
| | G104-0503910 | 06-8 | B56713 (EC-56713) | B56713 | SPACER, cranking motor intermediate driving pinion bearing | 1 |
| | G104-0503970 | 06-8 | A162525 (EC-11498) | A162525 | SPACER, cranking motor planetary bearing | 6 |
| | G104-0503900 | 06-8 | (EC-20321) | | SPACER, cranking motor sun gear | 1 |
| | G104-0503940 | 06-8 | (EC-11532) | | SPRING, cranking motor clutch | 9 |
| | G104-0504090 | 06-8 | A162549 (EC-18428) | A162549 | SPRING, cranking motor meshing rod | 1 |
| | G104-0504110 | 06-8 | (EC-11012) | | SPRING, cranking motor ratchet | 1 |
| | G104-0504140 | 06-8 | (EC-54181) | | STRAP, window, cranking motor, assembly (Includes: BOLT, HOLDER and RIVETS) | |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0504590 | | A162597 (EC-19715) | A162597 | TERMINAL, cranking motor field | 1 | |
| | G104-0504840 | | A162589 (EC-17961) | A162589 | WASHER, cranking motor brush screw | 2 | |
| | | | (EC-4192) | | WASHER, cranking motor dust cover | 6 | |
| | G104-0502020 | 06-8 | (EC-11744) | | WASHER, lock, cranking motor sun gear nut (special) | 1 | |
| | G104-0504950 | | A159572 (EC-29274) | A159572 | WASHER, cranking motor terminal post | 4 | |
| | | | (EC-17729) | | WASHER, felt, cranking motor oil seal | 2 | |
| | G104-0505210 | | (EC-20500-21) | | WASHER, lock, cranking motor terminal shield cover (bz., ⅜ in.) | 1 | |
| H-1 | H001-1517009 | | 110730 | | WASHER, lock, lgt., ⅜ (cranking motor terminal shield cover) (BECX2K) | 1 | |
| | G104-0504890 | 06-8 | (EC-29405) | | WASHER, retaining, cranking motor crankshaft and housing roller bearing race | 1 | |
| | G104-0504900 | 06-8 | (EC-66854) | | WASHER, rubber, cranking motor meshing rod | 1 | |
| | G104-0505330 | 06-8 | (EC-66853) | | WASHER, steel, cranking motor meshing rod | 1 | |
| | G104-0505340 | 06-8 | A162562 (EC-15735) | A162562 | WASHER, thrust, cranking motor sun gear, large | 1 | |
| | G104-0505390 | 06-8 | A162523 (EC-11538) | A162523 | WASHER, thrust, cranking motor sun gear, small | 1 | |
| | G104-0505430 | | B152976 (EC-54156) | B152976 | YOKE, cranking motor housing | 1 | |
| | G104-0503740 | | A162678 (EC-54166) | A162678 | SCREW, cranking motor housing yoke | 8 | |
| H-1 | H001-1518007 | | 103319 (EC-20500-13) | | WASHER, lock, S., ¼ (BECX1G) | 8 | |
| | G104-0505110 | | (EC-7525) | | WASHER, plain, cranking motor housing yoke screw (S., cd-pltd., 17/64 x 7/16 x 1/32) | 8 | |
| | | | | | **0604.11—SCINTILLA MAGNETO** **Attaching parts for both Scintilla and Bosch Magnetos are listed indented under Magneto in group 0604.11** | | |
| | G104-1501851 | | (SCI-10-128464) | | ADAPTER, magneto cable outlet (used with MAGNETO, G163-0287213) | 2 | |
| | G104-0102072 | | (SCI-10-9915) | | SCREW, magneto cable outlet adapter (slotted, hex-hd., corr-res-S., No. 10 (.190)-32NF-3 x ¾) | 4 | |
| H-1 | H001-1518005 | | 106497 (SCI-10-3132) | | WASHER, lock, reg., S., No. 10 (BECX1E) | 4 | |
| H-1 | H001-1530005 | | 103338 | | WASHER, plain, S., SAE std., No. 10 (BEBX1E) | 4 | |
| | | | (SCI-10-12846W) | | ADAPTER, magneto cable outlet (used with MAGNETO, G104-1687254) | 2 | |
| | G104-0102072 | | (SCI-10-9915) | | SCREW, magneto cable outlet adapter (slotted, hex-hd., corr-res-S., No. 10 (.190)-32NF-3 x ¾) | 4 | |
| H-1 | H001-1518005 | | 106497 (SCI-10-3132) | | WASHER, lock, reg., S., No. 10 (BECX1E) | 4 | |
| H-1 | H001-1530004 | | 114986 (SCI-10-13190) | | WASHER, plain, S., SAE std., No. 8 (BEBX1D) | 4 | |

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|---|---|---|---|---|---|---|
| | G104-0100063 | 06-12 | A326050 (SCI-2-301Z) | A326050 | AXLE, magneto contact breaker lever | 2 |
| | G104-0100062 | 06-11 | B208537 (SCI-2-217) | B208537 | AXLE, magneto distributor | 2 |
| | G104-0101153 | 06-9 | (SCI-2-338) | | NUT, magneto distributor axle screw | 4 |
| | G104-0101403 | 06-9 | A326263 (SCI-2-461) | A326263 | PIN, cotter, magneto distributor axle screw nut (split, S., 3/64 x 5/16) | 4 |
| | G038-0166552 | 06-9 | A326268 (SCI-2-626) | A326268 | SCREW, magneto distributor axle | 4 |
| | G104-0103451 | 06-9 | A326000 (SCI-2-160) | A326000 | WASHER, plain, magneto distributor axle screw (S., 13/64 x 11/32 x 3/64, one outer edge chamf. 45° for 1/32) | 8 |
| H-12 | H012-2400010 | 06-11 | 700029 (SCI-2-202) (ND-ND10) | | BEARING, ball, No. 10 (separable (open) type, .3937 bore, 1.1024 O.D., .3150 width) (magneto distributor axle) (CAGX1AF) (used with MAGNETO, G163-0287213) | 4 |
| H-12 | H012-2400015 | 06-9 | 700868 (SCI-2-462) (ND-ND15) | | BEARING, ball, No. 15 (separable (open) type, .5906 bore, 1.3780 O.D., .3150 width) (magneto drive shaft, breaker end) (outer race mounted in magneto housing) (CAGX1AM) | 2 |
| H-12 | H012-0700008 | 06-9 | 700008 (SCI-2-463) (ND-ND17E) | | BEARING, ball, No. 17 (separable (open) type, .6693 bore, 1.7323 O.D., .4331 width) (magneto drive shaft, drive end) (outer race mounted in front end plate) (CAGX1AP) | 2 |
| | | | (SCI-2-109) | | BLOCK, magneto distributor, left (used with MAGNETO, G163-0287213) | 2 |
| | G104-0100161 | 06-9 | A326078 (SCI-2-459) | A326078 | BLOCK, magneto distributor, left, assembly (Includes: DISC and ELECTRODE) (used with MAGNETO, G163-3287213) | 2 |
| | | | (SCI-2-1149) | | BLOCK, magneto distributor, left (used with MAGNETO, G104-1687254) | 2 |
| | | | (SCI-2-98) | | BLOCK, magneto distributor, right (used with MAGNETO G163-0287213) | 2 |
| | | | (SCI-2-1151) | | BLOCK, magneto distributor, right (used with MAGNETO, G104-1687254) | 2 |
| | G104-0100162 | 06-9 | A326079 (SCI-2-460) | A326079 | BLOCK, magneto distributor, right, assembly (Includes: DISC and ELECTRODE) (used with MAGNETO, G163-0287213) | 2 |
| | G104-0100159 | | B208552 (SCI-2-530) | B208552 | BLOCK, magneto terminal, booster coil and ground (used with MAGNETO, G163-0287213) | 2 |
| | G104-0102132 | | A326015 (SCI-2-188) | A326015 | SCREW, magneto terminal block | 4 |
| | | | (SCI-2-1154) | | BLOCK, magneto terminal, booster coil and ground (used with MAGNETO, G104-1687254) | 2 |
| | G104-0500399 | 06-9 | B208556 (SCI-2-841) | B208556 | BREAKER, contact, magneto, assembly (Includes: AXLE, BUSHING, HOUSING, LATCH, LEVER, PLATES, SPRINGS, STOP and SUPPORT) (used with MAGNETO, G163-0287213) | 2 |
| | G104-0100258 | 06-9 | A326077 (SCI-2-453) | A326077 | BRIDGE, magneto coil safety gap | 2 |
| | G104-0102137 | 06-9 | A326014 (SCI-2-187) | A326014 | SCREW, magneto coil safety gap bridge | 4 |
| | G104-0100259 | 06-13 | A326052 (SCI-2-311) | A326052 | BRUSH, carbon, magneto distributor contact, w/SPRING, assembly | 2 |
| | G104-0100254 | 06-13 | A326109 (SCI-2-764) | A326109 | BRUSH, laminated, magneto primary contact, assembly | 2 |
| | G104-0102147 | 06-13 | A309449 (SCI-10-4874) | A309449 | SCREW, magneto primary contact brush (slotted, hex-hd., corr-res-S., No. 8 (.164)-32NC-2 x ¼) | 4 |
| | G104-0103474 | 06-13 | A326185 (SCI-10-7308) | A326185 | WASHER, lock, magneto primary contact brush | 4 |
| | G104-0100268 | 06-12 | A278487 (SCI-2-142) | A278487 | BUSHING, insulating, magneto breaker contact support screw | 4 |


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## FIGURE 06-9 — MAGNETO — SCINTILLA, TYPE VAG-9DFA — EXPLODED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PLUG | SCI-2-649 | 0604.11 |
| B | SCREW | SCI-2-158 | 0604.11 |
| C | NUT | SCI-2-338 | 0604.11 |
| D | PIN | SCI-2-461 | 0604.11 |
| E | PLATE, ass'y | SCI-2-629Y | 0604.11 |
| F | WASHER | SCI-2-160 | 0604.11 |
| G | SCREW | SCI-2-626 | 0604.11 |
| H | GEAR | SCI-2-204Y | 0604.11 |
| I | GASKET | SCI-2-126 | 0604.11 |
| J | SHIELD, ass'y | SCI-2-1069Y | 0604.11 |
| K | BLOCK, ass'y | SCI-2-460 | 0604.11 |
| L | DISTRIBUTOR (furnished only as part of MAGNETO ass'y, SCI-2-1071-2) | | 0604.11 |
| M | RING | SCI-2-279 | 0604.11 |
| N | SCREW | SCI-2-184 | 0604.11 |
| O | COVER, ass'y | SCI-2-536V | 0604.11 |
| P | SCREW | SCI-2-177 | 0604.11 |
| Q | WASHER | 106495 | 0604.11 |
| R | CLAMP | SCI-2-819 | 0604.11 |
| S | COIL, ass'y | SCI-2-751 | 0604.11 |
| T | RING | SCI-2-245 | 0604.11 |
| U | COVER, ass'y | SCI-10-2133Y | 0604.11 |
| V | CUSHION, ass'y | SCI-2-1053 | 0604.11 |
| W | SCREW | SCI-2-187 | 0604.11 |
| X | BRIDGE | SCI-2-453 | 0604.11 |
| Y | PLATE | SCI-2-148 | 0604.11 |
| Z | BLOCK, ass'y | SCI-2-459 | 0604.11 |
| AA | LEVER | SCI-2-401 | 0604.11 |
| AB | BREAKER, ass'y | SCI-2-841 | 0604.11 |
| AC | SCREW | SCI-2-175 | 0604.11 |
| AD | WASHER | SCI-10-1792-1 | 0604.11 |
| AE | HOUSING, ass'y | SCI-2-1136Y | 0604.11 |
| AF | SCREW | SCI-2-167 | 0604.11 |
| AG | CAM | SCI-2-133Z | 0604.11 |
| AH | BEARING | 700868 | 0604.11 |
| AI | WASHER | SCI-2-161-1 | 0604.11 |
| AJ | MAGNET (furnished only as part of MAGNET ass'y, SCI-2-1086) | | 0604.11 |
| AK | SPRING | SCI-2-1116 | 0604.11 |
| AL | SHAFT | SCI-2-1088 | 0604.11 |
| AM | KEY | SCI-2-181 | 0604.11 |
| AN | KEY | SCI-2-828Z | 0604.11 |
| AO | FLYWEIGHT | SCI-2-1112 | 0604.11 |
| AP | COVER | SCI-10-17996 | 0604.11 |
| AQ | RETAINER | SCI-10-18098 | 0604.11 |
| AR | SCREW | SCI-10-18099 | 0604.11 |
| AS | GEAR | SCI-2-292Z | 0604.11 |
| AT | BEARING | 700870 | 0604.11 |
| AU | WASHER | SCI-2-189-1 | 0604.11 |
| AV | WASHER | 106497 | 0604.11 |
| AW | PIN | SCI-2-152Z | 0604.11 |
| AX | WASHER | 103319 | 0604.11 |
| AY | NUT | SCI-2-164 | 0604.11 |
| AZ | PLUG | SCI-2-648 | 0604.11 |

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# GROUP 06 — ELECTRICAL



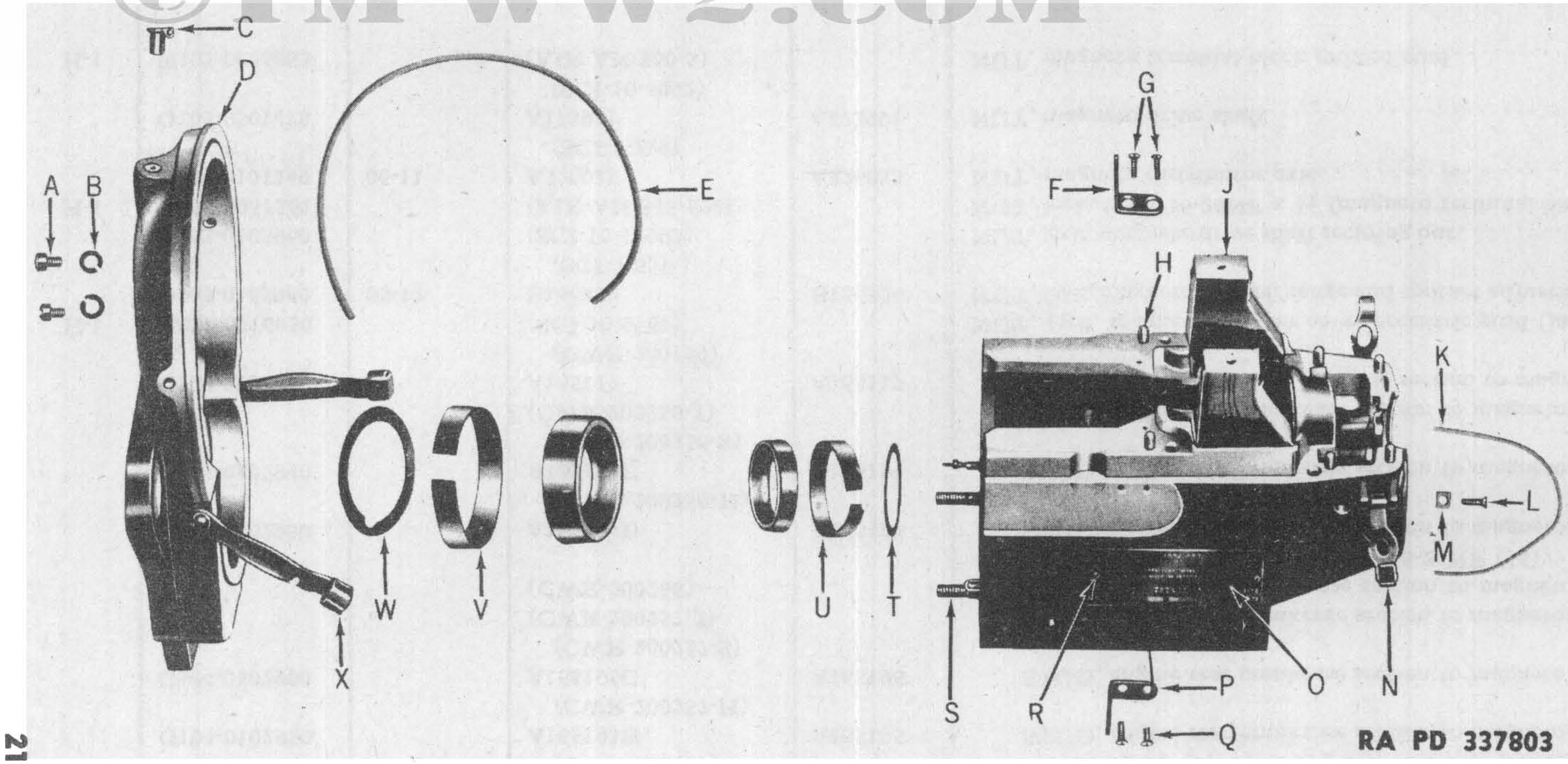
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0100295 | 06-9 | A208535<br>(SCI-2-133Z) | A208535 | CAM, magneto | 2 | |
| | G104-2563092 | | A326041<br>(SCI-2-272Y) | A326041 | CAP, magneto coil cover oil hole, assembly | 2 | |
| | G104-0100305 | 06-11 | A326025<br>(SCI-2-216Z) | A326025 | CAP, grease retaining, magneto distributor axle bearing | 2 | |
| | | | (SCI-10-13343) | | CAP, thread protecting, magneto cable outlet adapter (for shipping and storage only) (used with MAGNETO, G163-0287213) | 4 | |
| | G104-0100368 | 06-9 | A326133<br>(SCI-2-819) | A326133 | CLAMP, magneto coil core | 4 | |
| | G104-0102145 | 06-9 | A326005<br>(SCI-2-177) | A326005 | SCREW, magneto coil core clamp | 4 | |
| H-1 | H001-1518003 | 06-9 | 106495<br>(SCI-2-220) | | WASHER, lock, reg., S., No. 6 (BECX1C) | 4 | |
| | G104-0100367 | 06-10 | A278461<br>(SCI-2-80) | A278461 | CLAMP, magneto radio shield | 4 | |
| H-1 | H001-1026326 | | 224500<br>(SCI-10-1525) | | SCREW, machine, oval-fil-hd., S., No. 3 (.099)-56NF-2 x 3/8 (BCGX1BL) (superseded by SCREW, SCI-10-779) | 4 | |
| | | | (SCI-10-779) | | SCREW, magneto radio shield clamp (used with MAGNETO, G163-0287213) (supersedes SCREW, H001-1026326) | 4 | |
| H-1 | H001-1518005 | | 106497 | | WASHER, lock, reg., S., No. 10 (BECX1E) (used with MAGNETO, G163-0287213) | 4 | |
| | G104-0100404 | 06-9,13 | A326100<br>(SCI-2-751) | A326100 | COIL, magneto, w/CONDENSER, assembly | 2 | |
| | G104-0100398 | 06-13 | A326103<br>(SCI-2-755Z) | A326103 | CONDENSER, magneto, assembly | 2 | |
| H-1 | H001-1026038 | 06-13 | 224935<br>(SCI-10-528Z) | | SCREW, machine, oval-fil-hd., S., No. 5 (.125)-40NC-2 x 5/16 (BCFX1DD) | 8 | |
| H-1 | H001-1518003 | 06-13 | 106495<br>(SCI-2-220) | | WASHER, lock, reg., S., No. 6 (BECX1C) (used with MAGNETO, G163-0287213) | 8 | |
| | G104-0103473 | | A326253<br>(SCI-2-194) | A326253 | WASHER, lock, magneto condenser screw (used with MAGNETO, G104-1687254) | 8 | |
| | G103-0101560 | 06-9 | A231595<br>(SCI-10-17996) | A231595 | COVER, magneto automatic advance flyweight (S., 2.436 I.D. x 2.500 O.D. x 1.145 width) | 2 | |
| | G103-0105200 | 06-9 | A231594<br>(SCI-10-18099) | A231594 | SCREW, magneto automatic advance flyweight cover (slotted, hex-hd., corr-res-S., No. 10 (.190)-32NF-3 x 1/2) | 4 | |
| H-1 | H001-1518005 | | 106497<br>(SCI-10-3132) | | WASHER, lock, reg., S., No. 10 (used with MAGNETO, G163-0287213) (BECX1E) | 4 | |
| | G104-0100446 | 06-9 | A326176<br>(SCI-10-2133Y) | A326176 | COVER, magneto contact breaker, assembly (Includes: NUT, STRIP, STUD and WASHER) | 2 | |
| | | | (SCI-2-536V) | | COVER, magneto coil | 2 | |
| | G104-0102131 | 06-9 | A326011<br>(SCI-2-184) | A326011 | SCREW, magneto coil cover | 4 | |

| | | | | | |
|---|---|---|---|---|---|
| G104-0101312 | 06-10 | A326094 (SCI-2-628) | A326094 | CUP, oil, magneto front end plate | 2 |
| | 06-13 | (SCI-2-1046) | | CUP, retaining, magneto coil cushion strip (used with MAGNETO, G163-0287213) | 2 |
| G104-0100489 | 06-9 | A326159 (SCI-2-1053) | A326159 | CUSHION, magneto coil, assembly (Includes: CUP and STRIP) | 2 |
| G104-0100383 | 06-11 | A326099 (SCI-2-696Z) | A326099 | CYLINDER, distributor, magneto (used with MAGNETO, G163-0287213) | 2 |
| 7820-2-1147 | | (SCI-2-1147) | | CYLINDER, distributor, magneto (used with MAGNETO, G104-1687254) | 2 |
| G104-0100538 | | B166389 (SCI-2-321) | B166389 | DISC, marking, magneto spark plug cable, terminal No. 1 | 4 |
| G104-0100539 | | B166390 (SCI-2-322) | B166390 | DISC, marking, magneto spark plug cable, terminal No. 2 | 2 |
| G104-2598700 | | B166391 (SCI-2-323) | B166391 | DISC, marking, magneto spark plug cable, terminal No. 3 | 4 |
| G104-0100543 | | B166392 (SCI-2-324) | B166392 | DISC, marking, magneto spark plug cable, terminal No. 4 | 4 |
| G104-0100544 | | B166393 (SCI-2-325) | B166393 | DISC, marking, magneto spark plug cable, terminal No. 5 | 2 |
| G104-0100545 | | B166394 (SCI-2-326) | B166394 | DISC, marking, magneto spark plug cable, terminal No. 6 and 9 | 6 |
| G104-0100546 | | B166395 (SCI-2-327) | B166395 | DISC, marking, magneto spark plug cable, terminal No. 7 | 2 |
| G104-0100548 | | A326063 (SCI-2-328) | A326063 | DISC, marking, magneto spark plug cable, terminal No. 8 | 2 |
| G104-0100534 | | B166388 (SCI-2-318) | B166388 | DISC, marking, magneto booster, terminal "H" | 2 |
| G104-0100537 | | A326055 (SCI-2-139) | A326055 | DISC, marking, magneto rotation | 2 |
| G104-0102677 | | A278473 (SCI-2-137) | A278473 | DISC, marking, magneto ground, terminal "P" | 2 |
| G081-0119120 | 06-12 | (SCI-2-170) | | DOWEL, magneto contact advance lever plate (used with MAGNETO, G163-0287213) | 2 |
| G038-0151075 | 06-10 | (SCI-2-163) | | DOWEL, magneto housing (S., .1562 diam., .562 lgh., rounded ends) (used with MAGNETO, G163-0287213) | 16 |
| | | (SCI-10-15793) | | DOWEL, magneto radio shield (S., .125 diam., .375 lgh., one end rounded, one end 3° taper for .062) (used with MAGNETO, G163-0287213) | 4 |
| G104-0100566 | | A326065 (SCI-2-392X) | A326065 | ELECTRODE, magneto distributor block | 18 |
| G104-0100573 | 06-11 | A326098 (SCI-2-693) | A326098 | ELECTRODE, magneto distributor cylinder | 8 |
| G104-0102144 | | (SCI-2-786) | | SCREW, magneto distributor cylinder electrode (ck-fl-fil-hd., corr-res-S., No. 5 (.125)-40NC-2 x 17/64) | 8 |
| G104-0103406 | | A326269 (SCI-2-679) | A326269 | WASHER, lock, magneto distributor cylinder electrode (S., .120 x .098 x .022) | 18 |
| G104-0103441 | | A326266 (SCI-2-541) | A326266 | WASHER, lock, magneto distributor cylinder electrode | 2 |
| G104-0100574 | | A326019 (SCI-2-197) | A326019 | ELECTRODE, magneto terminal block booster coil | 2 |
| G104-0100607 | 06-9 | A326164 (SCI-2-1112) | A326164 | FLYWEIGHT, magneto automatic advance (used with MAGNETO, G104-1687254) | 76 |

# GROUP 06 — ELECTRICAL



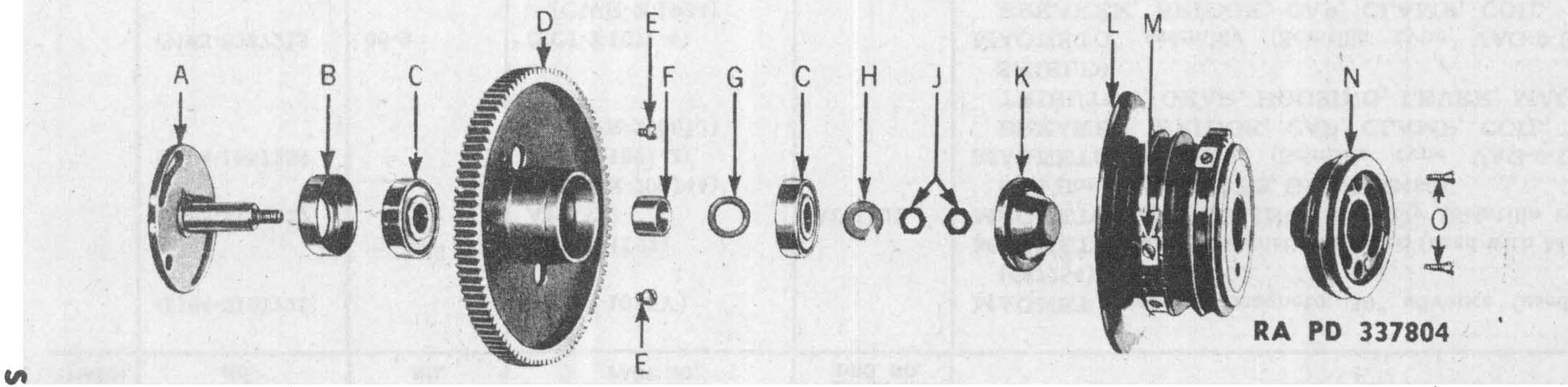
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1789721 | | A326166 (SCI-2-1139) | A326166 | FLYWEIGHT, magneto automatic advance, 15° (used with MAGNETO, G163-0287213) | 28 | |
| | G104-1585077 | | A326167 (SCI-2-1140) | A326167 | FLYWEIGHT, magneto automatic advance, 24° (used with MAGNETO, G163-0287213) | 48 | |
| | G104-0100677 | 06-9 | A278470 (SCI-2-126) | A278470 | GASKET, magneto distributor | 2 | |
| | G103-0102900 | 06-10 | B166329 (SCI-2-138) | B166329 | GASKET, magneto drive shaft end outer bearing race | 2 | |
| | G104-0100703 | | A326080 (SCI-2-529) | A326080 | GASKET, magneto terminal block | 2 | |
| | G104-0100691 | | B154513 (CWR-200411) | B154513 | GASKET, magneto to rear crankcase section (also part of GASKET SETS, G163-7005773, G104-0100708 and G104-5700230) | 2 | |
| | G103-0102880 | 06-10 | B166336 (SCI-2-140) | B166336 | GASKET, magneto to drive shaft breaker end outer bearing race (1 1/32 x 1 25/64 x .008) | 2 | |
| | G104-0100742 | 06-9,11 | C100519 (SCI-2-204Y) | C100519 | GEAR, drive, magneto distributor, large | 2 | |
| | G103-0500950 | 06-9 | A326049 (SCI-2-292Z) | A326049 | GEAR, drive, magneto distributor, small | 2 | |
| | G104-0100912 | 06-10 | A326171 (SCI-10-1476) | A326171 | HOOK, clamping, magneto radio shield, left | 2 | |
| | G104-0100911 | 06-10 | A326170 (SCI-10-1464) | A326170 | HOOK, clamping, magneto radio shield, right | 2 | |
| | G104-0102107 | 06-10 | (SCI-10-1465) | | SCREW, magneto radio shield clamping hook | 8 | |
| | G104-0100936 | 06-12 | B208545 (SCI-2-297) | B208545 | HOUSING, magneto breaker | 2 | |
| | G104-1617860 | 06-9,10 | C129787 (SCI-2-1136Y) | C129787 | HOUSING, magneto, assembly (Includes: DOWEL, PIN, STRAP and STUD) | 2 | |
| H-1 | H001-0518004 | 06-9 | 218218 (SCI-2-181) | | KEY, Woodruff, S., 3/32 x 5/16 (magneto small gear) (BGAX3L) | 2 | |
| H-1 | H001-0518010 | 06-9 | 124534 (SCI-2-828Z) | | KEY, Woodruff, ni-S., ⅛ x ½ (magneto drive shaft) (BGAX5B) | 2 | |
| | G103-0501182 | | A326246 (SCI-2-182) | A326246 | KEY, Woodruff, magneto cam (alloy-S., .058 x 17/64) | 2 | |
| | G104-0101033 | 06-12 | A208567 (SCI-2-303) | A208567 | LATCH, magneto contact breaker advance lever | 2 | |
| | G104-0101062 | 06-9 | (SCI-2-401) | | LEVER, advance, magneto contact breaker | 2 | |
| | G104-0102139 | 06-9 | A326244 (SCI-2-175) | A326244 | SCREW, magneto contact breaker advance lever | 2 | |
| | G103-0103560 | 06-12 | C73123 (SCI-2-350) | C73123 | LEVER, magneto contact breaker (used with MAGNETO, G163-0287213) | 2 | |
| | G104-0101091 | | A326097 (SCI-2-681) | A326097 | LOCK, magneto terminal block booster coil and ground screws (rubber) | 2 | |
| | G104-1687240 | | B208564 (SCI-2-1138) | B208564 | MAGNET, rotating, magneto, 24° advance, assembly (used with MAGNETO, G163-0287213) | 2 | |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SCREW | SCI-10-1477 | 0604.11 |
| B | WASHER | SCI-2-339 | 0604.11 |
| C | CUP | SCI-2-628 | 0604.11 |
| D | PLATE | SCI-2-629Y | 0604.11 |
| E | STRIP | SCI-2-274 | 0604.11 |
| F | HOOK | SCI-10-1464 | 0604.11 |
| G | SCREW | SCI-10-1465 | 0604.11 |
| H | DOWEL | SCI-2-163 | 0604.11 |
| J | HOUSING, ass'y | SCI-2-1136Y | 0604.11 |
| K | STRIP | SCI-2-274 | 0604.11 |
| L | SCREW | SCI-2-190 | 0604.11 |
| M | STOP | SCI-2-284 | 0604.11 |
| N | SPRING | SCI-2-54 | 0604.11 |
| O | PLATE | SCI-2-782Z | 0604.11 |
| P | HOOK | SCI-10-1476 | 0604.11 |
| Q | SCREW | SCI-10-1465 | 0604.11 |
| R | SCREW | SCI-10-22067 | 0604.11 |
| S | STUD | SCI-2-156 | 0604.11 |
| T | GASKET | SCI-2-140 | 0604.11 |
| U | STRIP | SCI-2-141-1 | 0604.11 |
| V | STRIP | SCI-2-139-1 | 0604.11 |
| W | GASKET | SCI-2-138 | 0604.11 |
| X | CLAMP | SCI-2-80 | 0604.11 |

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**FIGURE 06-10 — SCINTILLA MAGNETO FRONT END PLATE AND HOUSING — EXPLODED VIEW**




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | AXLE | SCI-2-217 | 0604.11 |
| B | RETAINER | SCI-2-215 | 0604.11 |
| C | BEARING | 700029 | 0604.11 |
| D | GEAR | SCI-2-204Y | 0604.11 |
| E | SCREW | SCI-2-198Z | 0604.11 |
| F | SPACER | SCI-2-219 | 0604.11 |
| G | WASHER | SCI-2-199-1 | 0604.11 |
| H | WASHER | SCI-2-218 | 0604.11 |
| J | NUT | SCI-2-222 | 0604.11 |
| K | CAP | SCI-2-216Z | 0604.11 |
| L | CYLINDER | SCI-2-696Z | 0604.11 |
| M | ELECTRODE | SCI-2-693 | 0604.11 |
| N | RING | SCI-2-231Z | 0604.11 |
| O | SCREW | SCI-2-180 | 0604.11 |

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**FIGURE 06-11 — SCINTILLA MAGNETO DISTRIBUTOR AND GEAR**

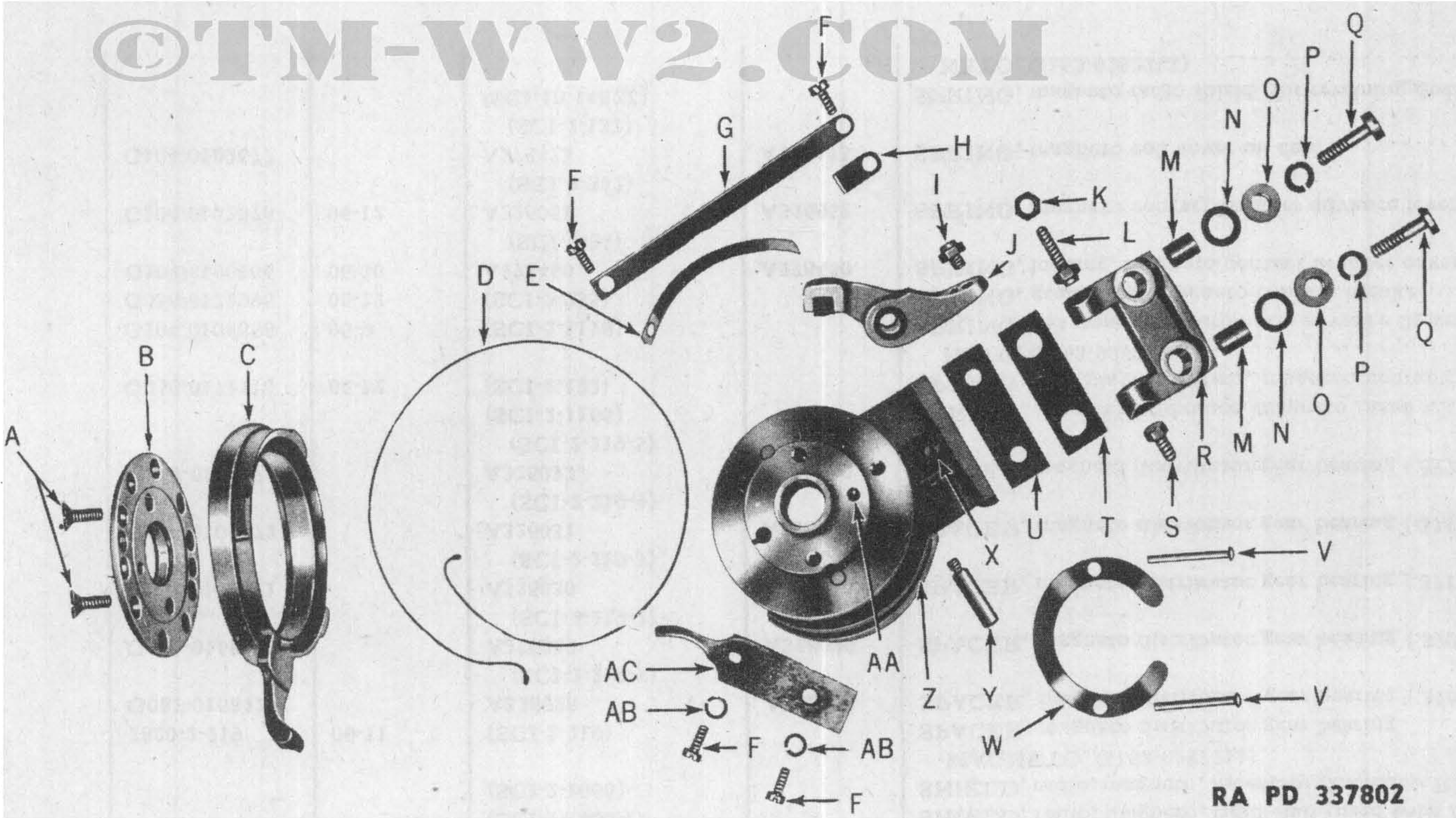
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0101121 | | (SCI-2-1086Y) | | MAGNET, rotating, magneto, 30° advance (used with MAGNETO, G104-1687254) | 2 | |
| | | | (SCI-2-1127) | | MAGNET, rotating, magneto, stripped (used with MAGNETO, G104-1687254) | 2 | |
| | G163-5171522 | | A171522 (CWR-200744) | A171522 | MAGNETO, w/COUPLING, assembly (Scintilla type VAG-9-DFA) (optional with Bosch MAGNETO, G104-7038480) (C4 only) | 2 | |
| | G104-1687254 | | (SCI-2-1071-2) (CWR-200610) | | MAGNETO, assembly (Scintilla type VAG-9-DFA) (Includes: BLOCK, BREAKER, BRIDGE, CAP, CLAMP, COIL, COVER, CUSHION, DISTRIBUTOR, GEAR, HOUSING, LEVER, MAGNET, PLATE, RING and SHIELD) (C4 only) | 2 | |
| | G163-0287213 | 06-9 | (SCI-2-1071-4) (CWR-201934) | | MAGNETO, assembly (Scintilla type VAG-9-DFA) (Includes: BLOCK, BREAKER, BRIDGE, CAP, CLAMP, COIL, COVER, CUSHION, DISTRIBUTOR, GEAR, HOUSING, LEVER, MAGNET, PLATE, RING and SHIELD) (C1 only) | 2 | |
| | G104-0101360 | | A165062 (CWR-200106) | A165062 | NUT, engine rear crankcase section to magneto stud | 6 | |
| H-1 | H001-0811027 | | 103362 (CWR-200821) | | PIN, cotter, split, S., 1/16 x ¾ (engine rear crankcase section to magneto stud) (BFAX1BE) | 6 | |
| | G118-0392455 | 01-10,11 | A165195A (CWR-200257) | A165195 | STUD, engine rear crankcase section to magneto, long (standard) (alloy-S., 5/16-18NC (11/16) x 1½ x 5/16-24NF (9/16) | 6 | |
| | G104-0102950 | | A165195B (CWR-200257-H) | A165195 | STUD, engine rear crankcase section to magneto, long (.003 oversize) | as req. | |
| | G104-0102960 | | A165195C (CWR-200257-S) | A165195 | STUD, engine rear crankcase section to magneto, long (.007 oversize) | as req. | |
| | | | (CWR-200257-J) | | STUD, engine rear crankcase section to magneto, long (.012 oversize) | as req. | |
| | | | (CWR-200256) | | STUD, engine rear crankcase section to magneto, short (standard) (alloy-S., 5/16-18NC (11/16) x 1⅜ x 5/16-24NF (½) | 6 | |
| | G104-0102930 | | A165194B (CWR-200256-H) | A165194 | STUD, engine rear crankcase section to magneto, short (.003 oversize) | as req. | |
| | G104-0102940 | | A165194C (CWR-200256-S) | A165194 | STUD, engine rear crankcase section to magneto, short (.007 oversize) | as req. | |
| | | | (CWR-200256-J) | | STUD, engine rear crankcase section to magneto, short (.012 oversize) | as req. | |
| | G104-0103420 | | A165117 (CWR-200169) | A165117 | WASHER, engine rear crankcase section to magneto stud | 6 | |
| H-1 | H001-0716050 | | (SCI-10-2161) | | NUT, lock, magneto breaker cover eccentric stud (jam, hex., 5/16-24NF-2) | 2 | |
| | G103-0103980 | 06-12 | B166326 (SCI-2-65) | B166326 | NUT, lock, magneto breaker range and contact adjusting screws | 6 | |
| | G103-0103960 | | (SCI-10-17993) | | NUT, lock, magneto drive shaft securing nut | 2 | |
| H-1 | H001-4057561 | | (AIR-AN-356-524) | | NUT, lock, S., 5/16-24NF x ½ (magneto terminal block ground stud) | 6 | |
| | G104-0101149 | 06-11 | A326033 (SCI-2-222) | A326033 | NUT, magneto distributor axle | 4 | |
| | G103-0501470 | | A173911 (SCI-10-4092) | A173911 | NUT, magneto drive shaft | 2 | |
| H-1 | H101-0225853 | | (AIR-AN-360-5) | | NUT, magneto terminal block ground stud | 6 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0101155 | | (SCI-10-5780) | | NUT, magneto radio shield clamping screw (jam, hex., corr-res-S., No. 10 (.190)-32NF-2, 3/16 thk.) (used with MAGNETO, G163-0287213) | 4 |
| | G038-0138391 | | B166507 (SCI-10-1467) | B166507 | NUT, magneto radio shield clamping screw (used with MAGNETO, G104-1687254) | 4 |
| | G103-0103940 | | (SCI-10-17994) | | NUT, securing, magneto drive shaft | 2 |
| | G118-0338729 | | (SCI-10-18918) | | PIN, cotter, magneto drive shaft nut (used with MAGNETO, G104-1687254) | 2 |
| H-1 | H001-0811039 | | 103373 | | PIN, cotter, split, S., 3/32 x ¾ (magneto drive shaft nut) (BFAX1CE) (used with MAGNETO, G163-0287213) | 2 |
| | G104-0101406 | | A278498 (SCI-2-157) | A278498 | PIN, hinge, magneto coil cover cap | 2 |
| | G104-0101407 | | A326001 (SCI-2-162) | A326001 | PIN, hinge, magneto breaker cover spring | 4 |
| | G038-0151374 | | (SCI-2-173) | | PIN, locking, magneto housing mounting stud (used with MAGNETO, G163-0287213) | 4 |
| | G104-0101399 | 06-9 | B166346 (SCI-2-152Z) | B166346 | PIN, safety, magneto radio shield clamp | 4 |
| | G104-0101542 | 06-9,10 | C100525 (SCI-2-629Y) | C100525 | PLATE, front end, magneto | 2 |
| | G104-0101144 | 06-9 | B166360 (SCI-2-164) | B166360 | NUT, magneto front end plate | 8 |
| | G104-0102142 | 06-9 | A278499 (SCI-2-158) | A278499 | SCREW, magneto front end plate | 4 |
| | G038-0175575 | 06-10 | (SCI-2-156) | | STUD, magneto front end plate (used with MAGNETO, G163-0287213) | 4 |
| H-1 | H001-1518006 | | 106498 | | WASHER, lock, reg., S., No. 12 (magneto front end plate) (BECX1F) (used with MAGNETO, G163-028713) | 4 |
| H-1 | H001-1518007 | 06-9 | 103319 | | WASHER, lock, reg., S., ¼ in. (magneto end plate mounting stud) (BECX1G) (used with MAGNETO, G163-028713) | 4 |
| H-1 | H001-1517007 | | 113114 (SCI-2-281) | | WASHER, lock, lgt., S., ¼ in. (front end plate nut) (BECX2G) (used with MAGNETO, G104-1687254) | 4 |
| | G104-0101543 | 06-10 | B268000 (SCI-2-782Z) | B268000 | PLATE, identification, magneto | 2 |
| | G038-0167695 | | A173888 (SCI-2-783) | A173888 | SCREW, drive, magneto identification plate (used with MAGNETO, G104-1687254) | 4 |
| | G104-0102231 | 06-10 | A309448 (SCI-10-22067) | A309448 | SCREW, drive, magneto identification plate (S., ni-pltd., .078 diam. x .187 lgh.) (used with MAGNETO, G163-0207213) | 4 |
| | G104-0101546 | 06-12 | A278488 (SCI-2-143) | A278488 | PLATE, insulating, magneto contact breaker support (std.) | 2 |
| | G104-0502821 | 06-12 | A278489A (SCI-2-144-1) | A278489 | PLATE, insulating, magneto contact breaker support (.005 thk.) | as req. |
| | G081-0149960 | | A278489B (SCI-2-144-2) | A278489 | PLATE, insulating, magneto contact breaker support (.008 thk.) | as req. |
| | 7820-2-144-3 | | A278489C (SCI-2-144-3) | A278489 | PLATE, insulating, magneto contact breaker support (.010 thk.) | as req. |
| | G104-0101549 | | A278489D (SCI-2-144-4) | A278489 | PLATE, insulating, magneto contact breaker support (.015 thk.) | as req. |
| | G081-0149975 | | A278489E (SCI-2-144-5) | A278489 | PLATE, insulating, magneto contact breaker support (.020 thk.) | as req. |
| | G104-0101541 | 06-9 | A278492 (SCI-2-148) | A278492 | PLATE, insulating, magneto housing | 2 |
| | G104-0304926 | 06-12 | B208530 (SCI-2-53) | B208530 | PLATE, locating, magneto contact breaker advance lever | 2 |

# GROUP 06 — ELECTRICAL



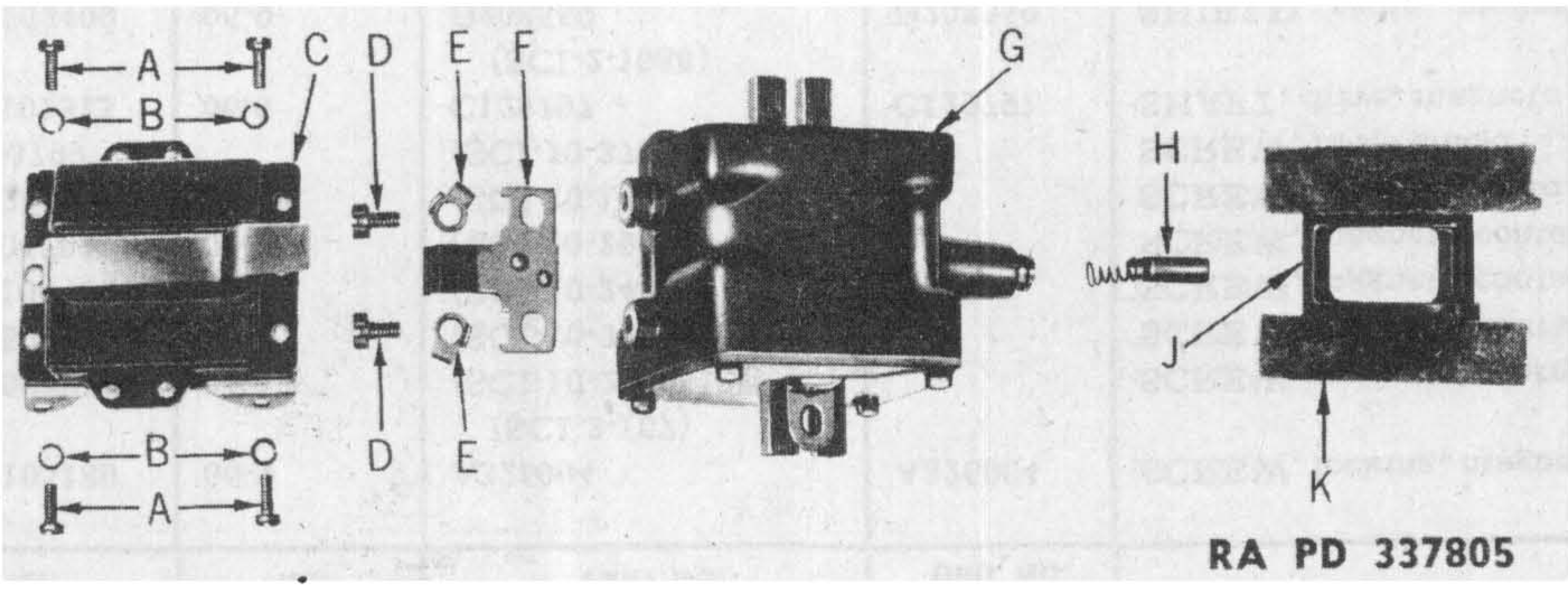
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0102138 | 06-12 | A326243 (SCI-2-174) | A326243 | SCREW, magneto contact breaker advance lever locating plate | 4 | |
| | G104-0101544 | | A326163 (SCI-10-1108) | A326163 | PLATE, rotation marking, magneto | 2 | |
| | G081-0160280 | | (SCI-10-566) | | SCREW, oval-hd., corr-res-S., No. 5 (.125)-40NC-2 x ¼ (magneto rotation marking plate) | 4 | |
| | | | (SCI-10-14068) | | PLUG, cork, for protecting magneto cable outlet adapter threads (No. 6, ¾ top diam., 15/16 lgh.) (for shipping and storage only) (used with MAGNETO, G163-0287213) | 3 | |
| | G104-0101673 | 06-9 | A326096 (SCI-2-649) | A326096 | PLUG, magneto front end plate mounting screw hole (leather, 17/32 diam. x 5/16 thk.) | 4 | |
| | G104-0101672 | 06-9 | A326095 (SCI-2-648) | A326095 | PLUG, magneto front end plate mounting stud hole (leather, 21/32 diam. x 13/32 thk.) | 4 | |
| | G103-0104800 | 06-9 | A231593 (SCI-10-18098) | A231593 | RETAINER, magneto automatic advance flyweight cover | 2 | |
| | G104-0101758 | 06-11 | A326024 (SCI-2-215) | A326024 | RETAINER, magneto distributor axle bearing | 2 | |
| | G104-0101833 | 06-9 | A326037 (SCI-2-245) | A326037 | RING, locking, magneto breaker cover clamp | 4 | |
| | G104-0101832 | 06-9 | A326044 (SCI-2-279) | A326044 | RING, locking, magneto distributor cylinder | 2 | |
| | G104-0101831 | 06-11 | B208539 (SCI-2-231Z) | B208539 | RING, magneto distributor (used with MAGNETO, G163-0287213) | 2 | |
| | G104-0102152 | 06-11 | A326010 (SCI-2-180) | A326010 | SCREW, magneto distributor booster collector ring | 4 | |
| | G104-0101861 | | A326218 (SCI-10-25118) | A326218 | RING, magneto drive shaft | 2 | |
| | G081-0156720 | 06-12 | (SCI-2-131) | | RIVET, magneto breaker contact lever adjusting spring (used with MAGNETO, G163-0287213) | 2 | |
| | G158-0370084 | 06-12 | A326267 (SCI-2-554-Y) | A326267 | RIVET, magneto breaker grounding spring (used with MAGNETO, G163-0287213) | 2 | |
| | G104-0102106 | | A326036 (SCI-2-242) | A326036 | SCREW, adjusting, magneto breaker range | 4 | |
| | G104-0102133 | | A326039 (SCI-2-247Y) | A326039 | SCREW, booster coil terminal, magneto terminal block, assembly | 2 | |
| | G104-0102136 | | A326012 (SCI-2-185) | A326012 | SCREW, cable piercing, magneto distributor block | 18 | |
| | G163-7000452 | | 7000452 (SCI-10-25324) | | SCREW, drive, magneto breaker ground spring (used with MAGNETO, G104-1687254) | 4 | |
| | G104-0102134 | | A326071 (SCI-2-422Z) | A326071 | SCREW, ground terminal, magneto terminal block, assembly | 2 | |
| | G104-0102153 | 06-11 | A326020 (SCI-2-198Z) | A326020 | SCREW, locating, magneto distributor to gear | 4 | |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SCREW | SCI-2-174 | 0604.11 |
| B | PLATE | SCI-2-53 | 0604.11 |
| C | LATCH | SCI-2-303 | 0604.11 |
| D | SPRING | SCI-2-302 | 0604.11 |
| E | SPRING | SCI-2-440 | 0604.11 |
| F | SCREW | SCI-2-176 | 0604.11 |
| G | SPRING | SCI-2-146 | 0604.11 |
| H | SPRING | SCI-2-145 | 0604.11 |
| I | SCREW | SCI-10-29005 | 0604.11 |
| J | LEVER | SCI-2-350 | 0604.11 |
| K | NUT | SCI-2-65 | 0604.11 |
| L | SCREW | SCI-10-29004 | 0604.11 |
| M | BUSHING | SCI-2-142 | 0604.11 |
| N | WASHER | SCI-2-165 | 0604.11 |
| O | WASHER | SCI-2-801 | 0604.11 |
| P | WASHER | SCI-2-220 | 0604.11 |
| Q | SCREW | SCI-2-172 | 0604.11 |
| R | SUPPORT | SCI-2-299 | 0604.11 |
| S | STOP | SCI-2-150 | 0604.11 |
| T | PLATE | SCI-2-143 | 0604.11 |
| U | PLATE | SCI-2-144-1 | 0604.11 |
| V | RIVET | SCI-2-554Y | 0604.11 |
| W | SPRING | SCI-2-235 | 0604.11 |
| X | SPRING | SCI-2-132 | 0604.11 |
|  | RIVET | SCI-2-131 | 0604.11 |
| Y | AXLE | SCI-2-301Z | 0604.11 |
| Z | HOUSING | SCI-2-297 | 0604.11 |
| AA | DOWEL | SCI-2-170 | 0604.11 |
| AB | WASHER | 106495 | 0604.11 |
| AC | WICK | SCI-2-466 | 0604.11 |

RA PD 337802E

**FIGURE 06-12 — SCINTILLA MAGNETO CONTACT BREAKER**




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SCREW | 224935 | 0604.11 |
| B | WASHER | 106495 | 0604.11 |
| C | CONDENSER, ass'y | SCI-2-755Z | 0604.11 |
| D | SCREW | SCI-10-4874 | 0604.11 |
| E | WASHER | SCI-10-7308 | 0604.11 |
| F | BRUSH | SCI-2-764 | 0604.11 |
| G | COIL, ass'y | SCI-2-751 | 0604.11 |
| H | BRUSH | SCI-2-311 | 0604.11 |
| J | CUP | SCI-2-1046 | 0406.11 |
| K | STRIP | SCI-2-1047 | 0604.11 |

RA PD 337805E

**FIGURE 06-13 — SCINTILLA MAGNETO COIL w/CONDENSER ASSEMBLY**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G103-0105180 | 06-9 | A326004 (SCI-2-167) | A326004 | SCREW, locking, magneto cam | 2 | |
| | G104-3067037 | 06-12 | (SCI-10-29005) | | SCREW, magneto contact breaker lever (¼ approx. lgh.) | 2 | |
| | G104-0503291 | | (SCI-10-2446) | | SCREW, magneto contact breaker, long (used with MAGNETO, G104-1687254) | 4 | |
| | G104-0100439 | | (SCI-10-2447) | | SCREW, magneto contact breaker | 2 | |
| | G104-3067036 | 06-12 | (SCI-10-29004) | | SCREW, magneto contact breaker support (9/16 approx. lgh.) | 2 | |
| | G104-1781961 | 06-10 | (SCI-10-1477) | | SCREW, plug, magneto front end plate, radio shield clamp hole | 4 | |
| | 7820-103799 | | (SCI-10-3799) | | SCREW, radio shield | 4 | |
| | G104-0102313 | 06-9 | C129797 (SCI-2-1088) | C129797 | SHAFT, drive, magneto | 2 | |
| | G104-0102409 | 06-9 | B208559 (SCI-2-1069Y) | B208559 | SHIELD, radio, magneto, assembly (Includes: ADAPTER, NUTS, SCREWS and WASHERS) | 2 | |
| | | | (SCI-2-1067A) | | SHIELD, radio, magneto, left half (used with MAGNETO, G163-0287213) | 2 | |
| | G104-1784876 | | B208528 (SCI-2-1068Y) | B208528 | SHIELD, radio, magneto, assembly (used with MAGNETO, G104-1687254) | 2 | |
| | | | (SCI-2-1067) | | SHIELD, radio, magneto, left half, assembly (Includes: DOWELS, RIVETS and SPRING) (used with MAGNETO, G163-0287213) | 2 | |
| | | | (SCI-2-1066A) | | SHIELD, radio, magneto, right half (used with MAGNETO, G163-0287213) | 2 | |
| | | | (SCI-2-1066) | | SHIELD, radio, magneto, assembly (Includes: RIVETS and SPRING) (used with MAGNETO, G163-0287213) | 2 | |
| | 7820-2-219 | 06-11 | (SCI-2-219) | | SPACER, magneto distributor gear bearing | 2 | |
| | G081-0168420 | | A326028 (SCI-2-219-1) | A326028 | SPACER, magneto distributor gear bearing (.370 thk.) | as req. | |
| | G081-0168430 | | A326029 (SCI-2-219-2) | A326029 | SPACER, magneto distributor gear bearing (.3705 thk.) | as req. | |
| | G104-0102571 | | A326030 (SCI-2-219-3) | A326030 | SPACER, magneto distributor gear bearing (.371 thk.) | as req. | |
| | G104-0102572 | | A326031 (SCI-2-219-4) | A326031 | SPACER, magneto distributor gear bearing (.3715 thk.) | as req. | |
| | G104-0102573 | | A326032 (SCI-2-219-5) | A326032 | SPACER, magneto distributor gear bearing (.372 thk.) | as req. | |
| | | | (SCI-2-1166) | | SPRING, automatic advance, magneto (used with MAGNETO, G163-0287213) | 2 | |
| | G038-0172710 | 06-12 | (SCI-2-132) | | SPRING, end play adjusting, magneto contact breaker lever (used with MAGNETO, G163-0287213) | 2 | |
| | G104-0102656 | 06-9 | (SCI-2-1116) | | SPRING, flat, magneto automatic advance flyweight (S., 1.813 x .437 x .010) | 6 | |
| | G038-0172996 | 06-12 | (SCI-2-235) | | SPRING, grounding, magneto contact breaker | 2 | |
| | G104-0100366 | 06-10 | A278450 (SCI-2-54) | A278450 | SPRING, locking, magneto contact breaker cover | 4 | |
| | G104-0102676 | 06-12 | A326051 (SCI-2-302) | A326051 | SPRING, magneto contact breaker advance lever latch | 2 | |
| | G104-0102677 | | A278473 (SCI-2-137) | A278473 | SPRING, magneto coil cover oil cap | 2 | |
| | | | (SCI-10-1462Z) | | SPRING, magneto radio shield (for retaining distributor blocks) (used with MAGNETO, G163-0287213) | 4 | |

| | | | | | |
|---|---|---|---|---|---|
| G103-0105780 | 06-12 | A278491 (SCI-2-146) | A278491 | SPRING, main, magneto contact breaker | 2 |
| G103-0105280 | 06-12 | B166364 (SCI-2-176) | B166364 | SCREW, magneto contact breaker main spring | 4 |
| G103-0105820 | 06-12 | A278490 (SCI-2-145) | A278490 | SPRING, reinforcing, magneto contact breaker main spring (7/16 in. approx. lgh.) | 2 |
| G103-0105800 | 06-12 | B166401 (SCI-2-440) | B166401 | SPRING, reinforcing, magneto contact breaker main spring (2 in. approx. lgh.) | 2 |
| G104-0102774 | 06-10 | A326045 (SCI-2-284) | A326045 | STOP, magneto contact breaker | 2 |
| G104-0102141 | 06-10 | A326016 (SCI-2-190) | A326016 | SCREW, magneto contact breaker stop | 2 |
| G104-0102226 | 06-12 | A278493 (SCI-2-150) | A278493 | STOP, magneto contact breaker support (fiber) | 2 |
| G104-0102792 | 06-10 | B175071 (SCI-2-274) | B175071 | STRIP, magneto contact breaker cover (felt, 2.5 mm. x 3 mm.) | as req. |
| | 06-13 | (SCI-2-1047) | | STRIP, magneto coil cushion (felt, 2 x ½ x ⅜) (used with MAGNETO, G163-0287213) | as req. |
| G103-0502083 | 06-10 | B166337 (SCI-2-141-1) | B166337 | STRIP, magneto magnet shaft breaker end outer bearing race (.007 thk.) | as req. |
| G103-0502084 | | B166338 (SCI-2-141-2) | B166338 | STRIP, magneto magnet shaft breaker end outer bearing race (.008 thk.) | as req. |
| G103-0502085 | | B166339 (SCI-2-141-3) | B166339 | STRIP, magneto magnet shaft breaker end outer bearing race (.009 thk.) | as req. |
| G103-0502086 | | B166340 (SCI-2-141-4) | B166340 | STRIP, magneto magnet shaft breaker end outer bearing race (.010 thk.) | as req. |
| G103-0502087 | | B166341 (SCI-2-141-5) | B166341 | STRIP, magneto magnet shaft breaker end outer bearing race (.011 thk.) | as req. |
| G103-0502088 | | A309451F (SCI-2-141-6) | A309451 | STRIP, magneto magnet shaft breaker end outer bearing race (.012 thk.) | as req. |
| G038-0174837 | 06-10 | A309450A (SCI-2-139-1) | A309450 | STRIP, magneto magnet shaft drive end inner bearing race (.007 thk.) | as req. |
| G104-0102793 | | B166331 (SCI-2-139-2) | B166331 | STRIP, magneto magnet shaft drive end inner bearing race (.008 thk.) | as req. |
| G104-0102794 | | B166332 (SCI-2-139-3) | B166332 | STRIP, magneto magnet shaft drive end inner bearing race (.009 thk.) | as req. |
| G104-0102795 | | B166333 (SCI-2-139-4) | B166333 | STRIP, magneto magnet shaft drive end inner bearing race (.010 thk.) | as req. |
| G038-0174839 | | A309450E (SCI-2-139-5) | A309450 | STRIP, magneto magnet shaft drive end inner bearing race (.011 thk.) | as req. |
| G038-0174841 | | A309450F (SCI-2-139-6) | A309450 | STRIP, magneto magnet shaft drive end inner bearing race (.012 thk.) | as req. |
| G104-0102791 | | A326017 (SCI-2-191Z) | A326017 | STUD, contact, ground, magneto terminal block | 2 |
| G104-0102788 | | A326178 (SCI-10-2162) | A326178 | STUD, eccentric, magneto contact breaker cover | 2 |
| G104-0103173 | 06-12 | B208566 (SCI-2-299) | B208566 | SUPPORT, magneto contact breaker | 2 |
| G103-0105340 | 06-12 | A190746 (SCI-2-172) | A190746 | SCREW, magneto contact breaker support | 4 |

*(Cont.)*

# GROUP 06 — ELECTRICAL

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| | G104-0103391 | 06-12 | A326003 (SCI-2-165) | A326003 | WASHER, insulating, magneto contact breaker support | 4 | |
| H-1 | H001-1518003 | 06-12 | 106495 (SCI-2-220) | | WASHER, lock, S., .141 x 1/16 x .020 (magneto contact breaker support) (BECX1C) | 4 | |
| | G103-0106800 | 06-12 | A173889 (SCI-2-801) | A173889 | WASHER, plain, magneto contact breaker support screw (br., .141 x .359 x .0319) | 4 | |
| | G104-0103371 | 06-11 | A326254 (SCI-2-199-1) | A326254 | WASHER, adjusting, magneto distributor axle bearing (.0025 thk.) | as req. | |
| | G104-0103372 | | A326255 (SCI-2-199-2) | A326255 | WASHER, adjusting, magneto distributor axle bearing (.004 thk.) | as req. | |
| | G104-0103373 | | A326256 (SCI-2-199-3) | A326256 | WASHER, adjusting, magneto distributor axle bearing (.005 thk.) | as req. | |
| | G038-0180880 | | A326257 (SCI-2-199-4) | A326257 | WASHER, adjusting, magneto distributor axle bearing (.008 thk.) | as req. | |
| | G038-0180890 | | A326258 (SCI-2-199-5) | A326258 | WASHER, adjusting, magneto distributor axle bearing (.010 thk.) | as req. | |
| | G104-0504871 | | A326259 (SCI-2-199-6) | A326259 | WASHER, adjusting, magneto distributor axle bearing (.012 thk.) | as req. | |
| | G103-0502311 | 06-9 | A326236 (SCI-2-161-1) | A326236 | WASHER, end-play adjusting, magneto drive shaft breaker end (.0025 thk.) | as req. | |
| | G103-0502312 | | A326237 (SCI-2-161-2) | A326237 | WASHER, end-play adjusting, magneto drive shaft breaker end (.004 thk.) | as req. | |
| | G103-0502313 | | A326238 (SCI-2-161-3) | A326238 | WASHER, end-play adjusting, magneto drive shaft breaker end (.005 thk.) | as req. | |
| | G103-0502314 | | A326239 (SCI-2-161-4) | A326239 | WASHER, end-play adjusting, magneto drive shaft breaker end (.008 thk.) | as req. | |
| | G103-0502315 | | A326240 (SCI-2-161-5) | A326240 | WASHER, end-play adjusting, magneto drive shaft breaker end (.010 thk.) | as req. | |
| | G103-0502316 | | A326241 (SCI-2-161-6) | A326241 | WASHER, end-play adjusting, magneto drive shaft breaker end (.012 thk.) | as req. | |
| | G103-0502320 | 06-9 | A326247 (SCI-2-189-1) | A326247 | WASHER, end-play adjusting, magneto drive shaft drive end (.0025 thk.) | as req. | |
| | G103-0502321 | | A326248 (SCI-2-189-2) | A326248 | WASHER, end-play adjusting, magneto drive shaft drive end (.004 thk.) | as req. | |
| | G103-0502322 | | A326249 (SCI-2-189-3) | A326249 | WASHER, end-play adjusting, magneto drive shaft drive end (.005 thk.) | as req. | |
| | G103-0502323 | | A326250 (SCI-2-189-4) | A326250 | WASHER, end-play adjusting, magneto drive shaft drive end (.008 thk.) | as req. | |
| | G103-0502324 | | A326251 (SCI-2-189-5) | A326251 | WASHER, end-play adjusting, magneto drive shaft drive end (.010 thk.) | as req. | |
| | G103-0502325 | | A326252 (SCI-2-189-6) | A326252 | WASHER, end-play adjusting, magneto drive shaft drive end (.012 thk.) | as req. | |
| | G038-0179219 | | A186984 (SCI-10-21721) | A186984 | WASHER, felt, drive shaft hole (used with MAGNETO, G104-1687254) | 2 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| H-1 | H001-1518005 | | 106497 (SCI-10-3132) | | WASHER, lock, reg., S., No. 10 (magneto radio shield clamping screw) (BECX1E) (used with MAGNETO, G104-1687254) | 4 |
| | G038-0179711 | 06-10 | A326262 (SCI-2-339) | A326262 | WASHER, lock, radio clamp hole plugging screw | 4 |
| | G104-0103445 | | (SCI-10-2163) | | WASHER, lock, magneto contact breaker cover eccentric stud | 2 |
| H-1 | H001-1518003 | | 106495 B166382 (SCI-2-220) | B166382 | WASHER, lock, reg., S., No. 6 (magneto contact breaker range adjusting screw) (BECX1C) | 4 |
| H-1 | H001-1530009 | | 103341 (SCI-2-965) | | WASHER, plain, S., SAE std., ⅜ (magneto drive shaft nut) (BEBX1K) | 2 |
| | G104-0103374 | 06-11 | A326036 (SCI-2-218) | A326036 | WASHER, spacing, magneto distributor axle bearing | 2 |
| | G104-0103442 | 06-9 | A326172 (SCI-10-1792-1) | A326172 | WASHER, spring, end-play adjusting, magneto breaker (.0179 thk.) | as req. |
| | G104-0103443 | | A326173 (SCI-10-1792-2) | A326173 | WASHER, spring, end-play adjusting, magneto breaker (.0226 thk.) | as req. |
| | G104-01-03444 | | B166511 (SCI-10-1792-3) | B166511 | WASHER, spring, end-play adjusting, magneto breaker (.0253 thk.) | as req. |
| | G103-0502306 | | B166512 (SCI-10-1792-4) | B166512 | WASHER, spring, end-play adjusting, magneto breaker (.0285 thk.) | as req. |
| | G103-0502340 | | (SCI-10-1792-5) | | WASHER, spring, end-play adjusting, magneto breaker (.0350 thk.) | as req. |
| | G103-0502400 | 06-12 | A326083 (SCI-2-466) | A326083 | WICK, oil, magneto breaker cam | 2 |
| | G103-0105280 | | B166364 (SCI-2-176) | B166364 | SCREW, magneto breaker cam oil wick | 4 |
| | G104-0103473 | | A326253 (SCI-2-194) | A326253 | WASHER, lock, magneto breaker cam oil wick (used with MAGNETO, G104-1687254) | 4 |
| H-1 | H001-1518003 | 06-12 | 106495 (SCI-2-220) | | WASHER, lock, reg., S., No. 6 (magneto breaker cam oil wick) (used with MAGNETO, G163-0287213) (BECX1C) | 4 |

## 0604.15—BOSCH MAGNETO

**Attaching parts for both Scintilla and Bosch Magnetos are listed indented under Magneto in group 0604.11**

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-1632833 | | A196162 (BO-IS-52171) | A196162 | APRON, insulating, magneto distributor rotor | 2 |
| | G104-1781942 | 06-14 | A196146 (BO-SC-5289) | A196146 | SCREW, magneto distributor rotor apron to housing (rd-hd., S., cd-pltd., No. 8 (.164)-32NC-2 x ½) | 8 |
| H-1 | H001-1517004 | 06-14 | 118869 (BO-WA-8-4) | | WASHER, lock, lgt., S., No. 8 (superseded by WASHER, BO-WA-5-4) (BECX2D) | 8 |
| | | | (BO-WA-5-4) | | WASHER, magneto distributor rotor apron to housing screw (supersedes WASHER, H001-1517004) | 8 |
| | G104-1842513 | 06-14 | A195597 (BO-WA-86754) | A195597 | WASHER, plain, magneto distributor rotor apron to housing screw (S., cd-pltd., No. 8) | 8 |
| H-12 | H012-0700229 | 06-14 | 700229 A196181 (BO-BB5210) | A196181 | BEARING, ball, magneto inductor rotor, gear housing end (used on model BO-MJT-9A-308 only) | 2 |

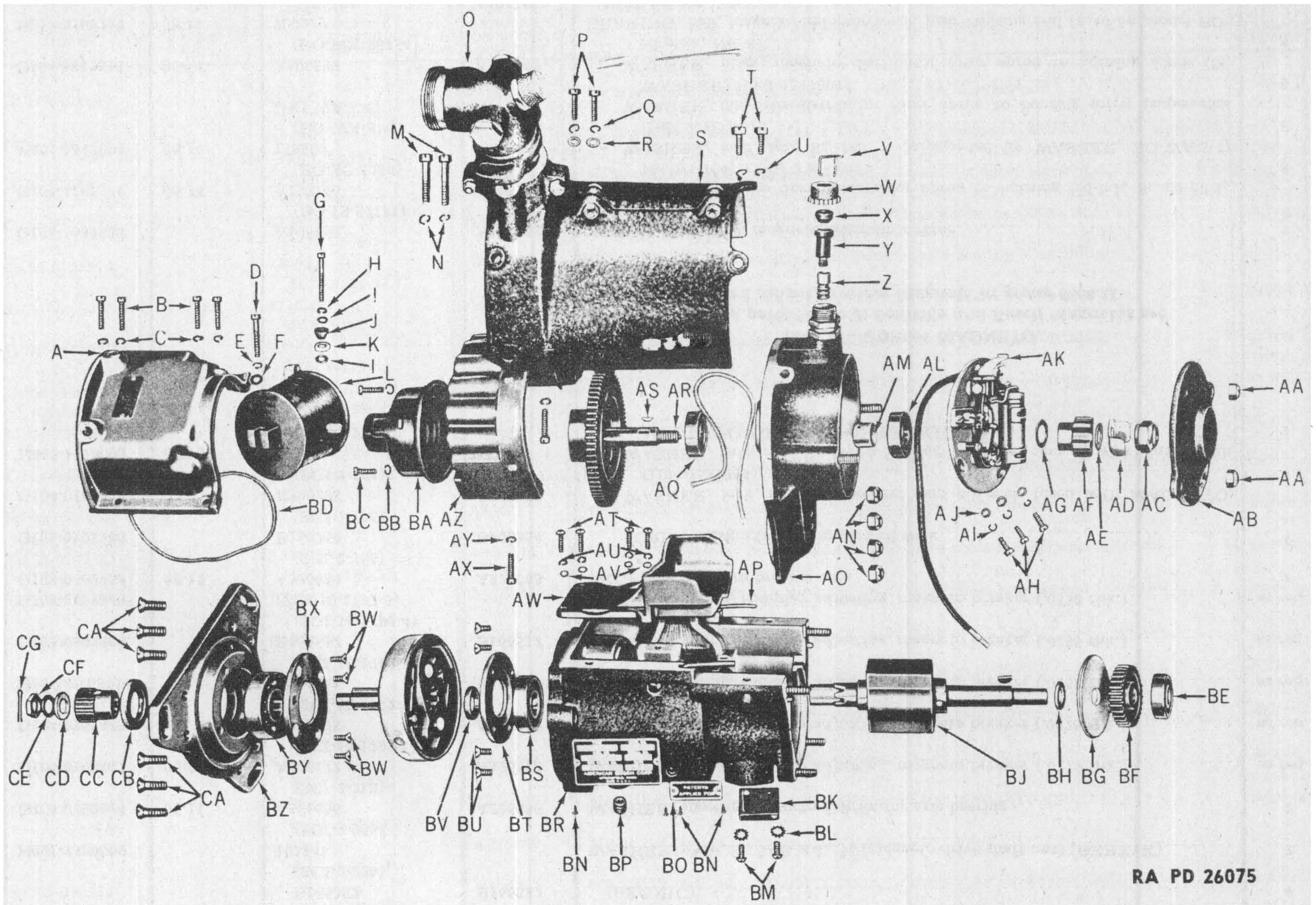



**FIGURE 06-14 — AMERICAN BOSCH MJT9A304 AND MJT9A306 MAGNETO — EXPLODED VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | COVER, ass'y | BO-CV-52293 | 0604.15 |
| B | SCREW | BO-SC-5278 | 0604.15 |
| C | WASHER | 106497 | 0604.15 |
| D | SCREW | BO-SC-5229 | 0604.15 |
| E | WASHER | 106497 | 0604.15 |
| F | WASHER | BO-WA-94018 | 0604.15 |
| G | SCREW | BO-SC-5230 | 0604.15 |
| H | WASHER | 106497 | 0604.15 |
| I | WASHER | BO-WA-9408 | 0604.15 |
| J | BUSHING | BO-IS-5230 | 0604.15 |
| K | WASHER | BO-IS-5229 | 0604.15 |
| L | COIL, ass'y | BO-CL-5254 | 0604.15 |
| M | SCREW | BO-SC-52101 | 0604.15 |
| N | WASHER | BO-WA-7-6 | 0604.15 |
| O | ELBOW, ass'y | BO-TU-528 | 0604.15 |
| P | SCREW | BO-SC-5274 | 0604.15 |
| Q | WASHER | 106497 | 0604.15 |
| R | WASHER | BO-WA-94018 | 0604.15 |
| S | SHIELD, ass'y | BO-CV-52296A | 0604.15 |
| T | SCREW | BO-SC-52100 | 0604.15 |
| U | WASHER | BO-WA-5-6 | 0604.15 |
| V | SPRING | BO-SP-52104 | 0604.15 |
| W | NUT | BO-NT-5239 | 0604.14 |
| X | GLAND | BO-IS-52133 | 0604.15 |
| Y | TERMINAL | BO-EC-52137 | 0604.15 |
| Z | NUT | BO-NT-5244A | 0604.15 |
| AA | NUT | 503338 | 0604.15 |
| AB | COVER, ass'y | BO-CV-52190A | 0604.15 |
| AC | NUT | BO-NT-5235 | 0604.15 |
| AD | COLLAR | BO-TC-521 | 0604.15 |
| AE | GASKET | BO-GA-5221 | 0604.15 |
| AF | CAM | BO-CA-5242 | 0604.15 |
| AG | WASHER | BO-WA-5287 | 0604.15 |
| AH | SCREW | A195590 | 0604.15 |
| AI | WASHER | BO-WA-8-4 | 0604.15 |
| AJ | WASHER | BO-WA-86754 | 0604.15 |
| AK | BREAKER, ass'y | BO-IN-5256 | 0604.15 |
| AL | BEARING | 700229 | 0604.15 |
| AM | SPACER | BO-SR-5211 | 0604.15 |
| AN | NUT | 503338 | 0604.15 |
| AO | HOUSING, ass'y | BO-HG-52200A | 0604.15 |
| AP | SLEEVING | BO-WK-5236 | 0604.15 |
| AQ | BEARING | 700229 | 0604.15 |
| AR | GEAR, ass'y | BO-GE-52138 | 0604.15 |
| AS | KEY | BO-KY-1005 | 0604.15 |
| AT | SCREW | BO-SC-5289 | 0604.15 |
| AU | WASHER | BO-WA-8-4 | 0604.15 |
| AV | WASHER | BO-WA-86754 | 0604.15 |
| AW | APRON | BO-IS-52171 | 0604.15 |
| AX | SCREW | BO-SC-5278 | 0604.15 |
| AY | WASHER | 106497 | 0604.15 |
| AZ | BLOCK, ass'y | BO-OP-52332 | 0604.15 |
| BA | ROTOR | BO-RT-52147 | 0604.15 |
| BB | WASHER | BO-WA-65 | 0604.15 |
| BC | SCREW | 131954 | 0604.15 |
| BD | SLEEVING | BO-WK-5238 | 0604.15 |
| BE | BEARING | 700229 | 0604.15 |
| BF | GEAR | BO-GE-5298 | 0604.15 |
| BG | DISC | BO-IS-52124 | 0604.15 |
| BH | WASHER | BO-WA-5293 | 0604.15 |
| BJ | ROTOR | BO-RT-52153 | 0604.15 |
| BK | COVER | BO-CV-52153 | 0604.15 |
| BL | WASHER | BO-WA-1137 | 0604.15 |
| BM | SCREW | 100750 | 0604.15 |
| BN | SCREW | BO-SC-150-3PA | 0604.15 |
| BO | PLATE | BO-NP-5227 | 0604.15 |
| BP | PLUG | BO-PG-5214 | 0604.15 |
| BQ | PLATE | BO-NP-5225 | 0604.15 |
| BR | HOUSING, ass'y | BO-HG-52216A | 0604.15 |
| BS | BEARING | 700119 | 0604.15 |
| BT | PLATE | BO-PL-52202 | 0604.15 |
| BU | SCREW | BO-SC-5297 | 0604.15 |
| BV | SPACER | BO-SR-5223 | 0604.15 |
| BW | SCREW | BO-SC-5297 | 0604.15 |
| BX | PLATE | BO-PL-52203 | 0604.15 |
| BY | BEARING | 700332 | 0604.15 |
| BZ | FLANGE | BO-FL-5237 | 0604.15 |
| CA | SCREW | BO-SC-5277 | 0604.15 |
| CB | OIL SEAL | BO-PK-523 | 0604.15 |
| CC | COUPLING | BO-GE-52115 | 0604.15 |
| CD | WASHER | BO-WA-5285 | 0604.15 |
| CE | WASHER | BO-WA-6-12 | 0604.15 |
| CF | NUT | BO-NT-5234 | 0604.15 |
| CG | PIN | BO-PN-1022 | 0604.15 |

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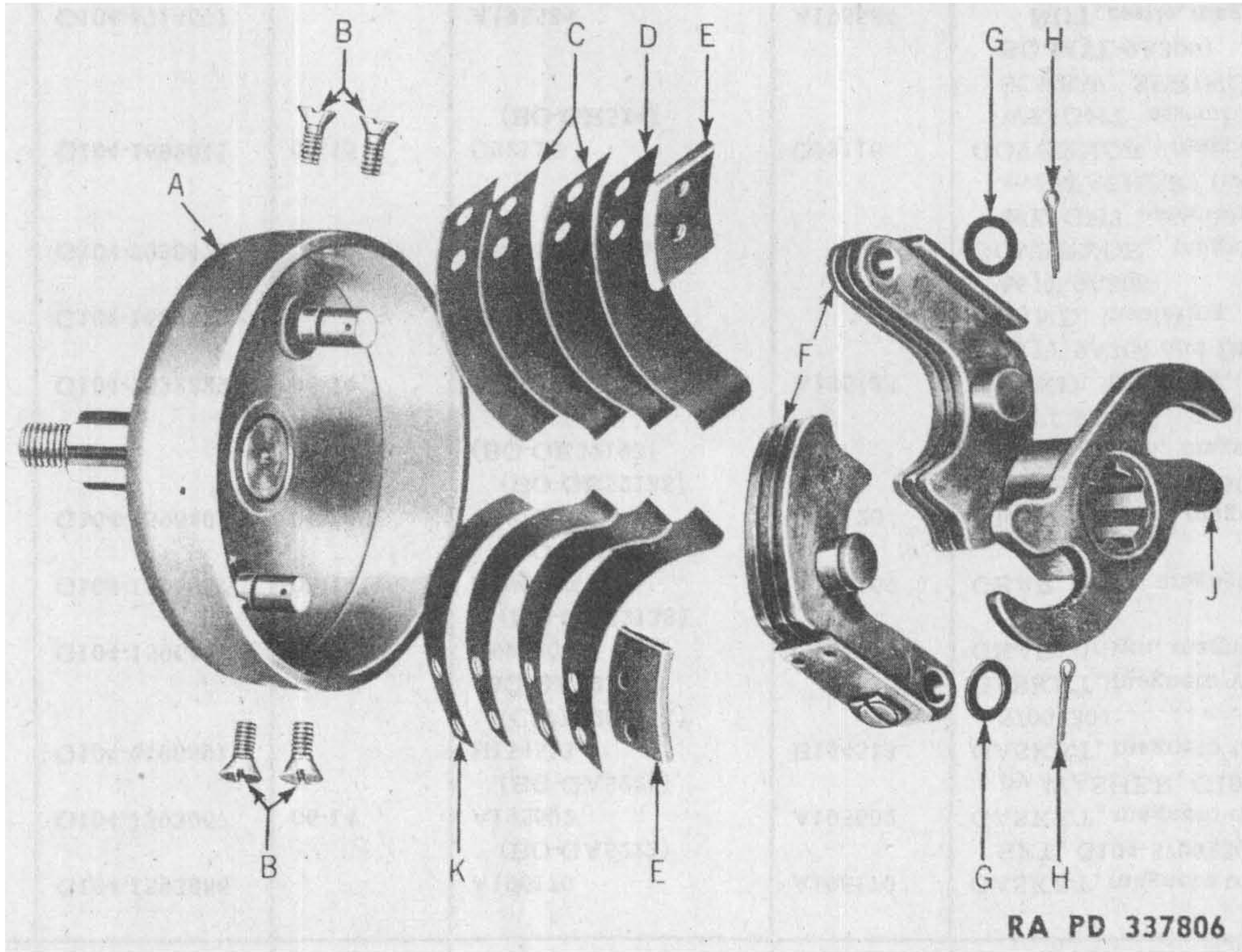
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| H-12 | H012-0700229 | | 700229<br>A196181<br>(BO-BB526) | A196181 | BEARING, ball (single row, .4724 bore, 1.2598 O.D., .3937 width) (magneto distributor gear shaft (4) and inductor rotor, gear housing end (2) (special) (used on models BO-MJT-9A-304 and 306) | 6 | |
| | | | (BO-BB1019) | | BEARING, ball, magneto distributor gear shaft (used on model BO-MJT-9A-308 only) | 4 | |
| H-12 | H012-1313017 | 06-14 | 700119<br>A196178<br>(ND-7503)<br>(BO-BB525) | A196178 | BEARING, ball (single row, .6692 bore, 1.3748 O.D., .4724 width) (magneto inductor rotor, drive end) | 2 | |
| H-12 | H012-1304017 | 06-14 | 700332<br>(BO-BB529)<br>(ND-3303) | | BEARING, ball (single row, .6692 bore, 1.8503 O.D., .3511 width) (magneto mounting flange) (CAAX3AD) | 2 | |
| | G104-1632844 | 06-16 | A196160<br>(BO-IS-52173) | A196160 | BLOCK, insulating, magneto breaker spring to breaker plate bolt | 4 | |
| | G104-1522412 | 06-14 | C92113<br>(BO-DP-52332) | C92113 | BLOCK, magneto distributor, assembly (Includes: PLATE and SCREWS) | 2 | |
| | G104-1781698 | 06-14 | A195589<br>(BO-SC-5278) | A195589 | SCREW, block to gear housing (fil-hd., S., cd-pltd., No. 10 (.190)-24NC-3 x ¾) | 4 | |
| H-1 | H001-1518005 | 06-14 | 106497<br>(BO-WA-5-5) | | WASHER, lock, reg., S., No. 10 (block to gear housing) (BECX1E) | 4 | |
| | G104-1540093 | | (BO-BK52125) | | BRACKET, contact, magneto, w/POINT, assembly (used on model BO-MJT-9A-308) | 2 | |
| | G104-1540084 | 06-16 | A196119<br>(BO-BK-52102) | A196119 | BRACKET, breaker, magneto, w/POINT, assembly (used on models BO-MJT-9A-304 and 306) | 2 | |
| | G104-1781697 | 06-16 | A196191<br>(BO-SC-5259) | A196191 | SCREW, magneto breaker bracket assembly to plate (9/32 elongated fil-hd., No. 8 (.164)-32NC-3 x 5/16) | 2 | |
| | G104-1842505 | | (BO-WA-8-4) | | WASHER, lock, magneto breaker bracket assembly to plate screw (lgt., No. 8) (superseded by WASHER, BO-WA-5-4) | 2 | |
| | | | (BO-WA-5-4) | | WASHER, magneto breaker bracket assembly to plate screw (supersedes WASHER, BO-WA-8-4) | 2 | |
| | G104-1842835 | 06-16 | A196198<br>(BO-WA-72613) | A196198 | WASHER, plain, magneto breaker bracket assembly to plate screw (S., cd-pltd., No. 8) | 2 | |
| | G104-1526018 | 06-14 | C92135<br>(BO-IN-5256) | C92135 | BREAKER, magneto, assembly (Includes: BLOCK, BOLT, BUSHING, CABLE, CONDENSER assembly, LEVER assembly, NUTS, PINS, PLATES, SPRINGS and WASHERS) | 2 | |
| | G104-1632842 | 06-14 | A195607<br>(BO-IS-5230) | A195607 | BUSHING, insulating, magneto coil fastening screw (fabric base bakelite, one end ½ O.D., other end .295 O.D., .194 I.D.) | 2 | |
| | G104-1632843 | 06-16 | A196161<br>(BO-IS-52172) | A196161 | BUSHING, insulating, magneto breaker fastening bolt (fabric base bakelite, .216 O.D., .143 I.D.) | 2 | |
| | G104-1527692 | | A196180<br>(BO-BG-5239) | A196180 | BUSHING, magneto low tension terminal (al., 11/16-24NS-3, 13/16 hex. center) | 2 | |
| | G104-1527693 | | A196179<br>(BO-BG5240) | A196179 | BUSHING, magneto radio shield elbow (br., cd-pltd., 11/16-24NF-3) | 2 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-1531222 | 06-16 | A196177 (BO-CB-5289) | A196177 | CABLE, primary, magneto, assembly | 2 |
| | G104-1531493 | 06-14 | C92127 (BO-CA-5242) | C92127 | CAM, compensating, magneto breaker | 2 |
| | G104-1531494 | | (BO-LE5243) | | CAM, follower, magneto (used on models BO-MJT-9A-304 and BO-MJT-9A-306) | 2 |
| | G104-1531587 | | A196175 (BO-CP5245) | A196175 | CAP, magneto radio shield | 2 |
| | | | A196176 (BO-CP5244) | A196176 | CAP, protecting, magneto radio shield elbow thread (for shipping and storing only) | as req. |
| | G104-1538169 | | A196164 (BO-HP5231) | A196164 | CLIP, locking, magneto primary cable clamp | 2 |
| | G104-1781692 | | A196147 (BO-SC5283) | A196147 | SCREW, magneto primary cable to coil (hex-hd., S., cd-pltd., No. 6 (.138)-32NC-3 x 13/32) | 2 |
| H-1 | H001-1518003 | | 106495 (BO-WA-5-3) | | WASHER, lock, reg., S., No. 6 (.138) (BECX1C) | 2 |
| | | | (BO-CL5255) | | COIL, magneto, assembly (Includes: CLIP, SCREWS and WASHERS) (used on model BO-MJT-9A-308) | 2 |
| | | | (BO-SC-52104) | | SCREW, magneto coil to housing (used on model BO-MJT-9A308) | 2 |
| | | | (BO-WA-5-5) | | WASHER, lock, magneto coil to housing | 4 |
| | | | (BO-WA-1206) | | WASHER, plain, magneto coil to housing (used on model BO-MJT-9A308) | 6 |
| | G104-1539741 | 06-14 | C92125 (BO-CL-5254) | C92125 | COIL, magneto (used on models BO-MJT-9A304 and BO-MJT-9A306) | 2 |
| | G104-1781695 | 06-14 | A195593 (BO-SC5229) | A195593 | SCREW, magneto coil to housing (fil-hd., S., cd-pltd., No. 10 (.190)-32NF-2 x 1) | 2 |
| | G104-1781694 | 06-14 | A195592 (BO-SC5230) | A195592 | SCREW, magneto coil to housing (fil-hd., S., cd-pltd., No. 10 (.190)-32NF-2 x 1¼) (used on models BO-MJT-9A304 and BO-MJT-9A306) | 2 |
| H-1 | H001-1518005 | 06-14 | 106497 (BO-WA-7-5) | | WASHER, lock, reg., S., No. 10 (BECX1E) | 4 |
| | G104-1842503 | 06-14 | A195596 (BO-WA-94018) | A195596 | WASHER, plain, magneto coil to housing screw (S., cd-pltd., 3/16) (used on models BO-MJT-9A304 and BO-MJT-9A306) | 12 |
| | G104-1539811 | 06-14 | A196133 (BO-TC-521) | A196133 | COLLAR, timing, magneto | 2 |
| | G104-1539846 | 06-16 | A196173 (BO-CW5241) | A196173 | CONDENSER, magneto, w/BRACKET and LEAD, assembly (used on models BO-MJT-9A304 and BO-MJT-9A306) | 2 |
| | G104-1781696 | 06-16 | A195591 (BO-SC5249) | A195591 | SCREW, magneto condenser to breaker plate (fil-hd., S., cd-pltd., No. 8 (.164)-32NC-3 x ¼) | 4 |
| H-1 | H001-1518004 | 06-16 | 118869 (BO-WA8-4) | | WASHER, magneto condenser to breaker plate screw (lgt., S., No. 8) (BECX2D) | 8 |
| | 0370-CW-5267 | | (BO-CW-5267) | | CONDENSER, magneto, w/BRACKET and LEAD, assembly (to be used with box lubricator) (used on model BO-MJT-9A308) | 2 |
| | G104-1781696 | | A195591 (BO-SC5249) | A195591 | SCREW, magneto condenser to breaker plate (fil-hd., S., cd-pltd., No. 8 (.164)-32NC-3 x ¼) | 4 |
| | | | (BO-WA5-4) | | WASHER, magneto condenser to breaker plate | 4 |
| | 2220-201866 | | (CWR-201866) | | CONDUIT, magneto to elbow, assembly (optional with CONDUIT, 2220-201867) | 2 |
| | 2220-201867 | | (CWR-201867) | | CONDUIT, magneto to elbow, assembly (optional with CONDUIT, 2220-201866) | 2 |
| | G104-1540093 | | (BO-BK-52125) | | CONTACT, bracket, magneto breaker, w/POINT (used on model BO-MJT-9A308) | 2 |
| | G104-1781697 | | A196191 (BO-SC-5259) | A196191 | SCREW, magneto breaker contact bracket | 4 |
| H-1 | H001-1517004 | | 118869 | | WASHER, lock, lgt., S., No. 8 (BECX2D) | 4 |
| | G104-1842835 | | A196198 (BO-WA-72613) | A196198 | WASHER, magneto breaker contact screw | 4 |

# GROUP 06 — ELECTRICAL

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1540093 | | (BO-BK-52102) | | CONTACT, bracket, magneto breaker, w/POINT (used on models BO-MJT-9A304 and BO-MJT-9A306) | 2 | |
| | G104-0301628 | 06-14 | C92122 (BO-GE52115) | C92122 | COUPLING, drive, magneto | 2 | |
| | G104-1540241 | 06-14 | (BO-CV-52293) | | COVER, dust, magneto | 2 | |
| | G104-1781698 | 06-14 | A195589 (BO-SC5278) | A195589 | SCREW, magneto dust cover assembly to housing (fil-hd., S., cd-pltd., No. 10 (.190)-24NC-3 x ¾) | 8 | |
| H-1 | H001-1518005 | 06-14 | 106497 (BO-WA-7-5) | | WASHER, lock, reg., S., No. 10 (BECX1E) | 8 | |
| | G104-1540241 | 06-14 | A196174 (BO-CV52190A) | A196174 | COVER, magneto breaker, assembly (Includes: GASKET, PLATE, RIVET, SCREEN and SCREW) (used on models BO-MJT-9A304 and BO-MJT-9A306) | 2 | |
| | | | (BO-CV52358) | | COVER, magneto breaker, assembly (Includes: GASKET, PLATE, RIVET, SCREEN and SCREW) (used on model BO-MJT-9A308) | 2 | |
| | | | (BO-CV52300) | | COVER, magneto distributor gear shaft (rubber) (for shipping and storage only) | as req. | |
| | | | (BO-CV52361) | | COVER, ventilating, magneto breaker, assembly (used on model BO-MJT-9A308) | 2 | |
| | G104-1540282 | | A195608 (BO-CV52143) | A195608 | COVER, ventilating, magneto breaker, assembly (used on models BO-MJT-9A304 and BO-MJT-9A306) | 2 | |
| | G104-1781949 | | A196153 (BO-SC52103) | A196153 | SCREW, tapered, magneto ventilating cover to housing (oval-hd., S., cd-pltd., No. 6 (.138)- 32NC-2 x .536) (superseded by BO-SC52151) | 4 | |
| | | | (BO-SC52151) | | SCREW, magneto ventilating cover to breaker cover (supersedes G104-1781949) | 4 | |
| H-1 | H001-1518003 | | 106495 (BO-WA-5-3) | | WASHER, lock, lgt., S., No. 6 (.138) (BECX1C) | 4 | |
| | G104-1540261 | 06-14 | A195606 (BO-CV52153) | A195606 | COVER, ventilating, magneto housing | 2 | |
| H-1 | H001-1030080 | 06-14 | 100750 (BO-SC-39-6CA) | | SCREW, mach., rd-hd., S., No. 8 (.164)-32NC-2 x ⅜ (BCNX1FE) | 4 | |
| | G104-1842508 | 06-14 | A196199 (BO-WA-1137) | A196199 | WASHER, lock, magneto ventilating cover to housing (internal teeth, S., No. 8 (.164) | 4 | |
| | G104-1632828 | 06-14 | A196182 (BO-IS-52124) | A196182 | DISC, insulating, magneto inductor rotor, gear housing end | 2 | |
| | | | A196172 (BO-DC-5211 | A196172 | DISC, protecting, magneto low tension terminal | as req. | |
| | G104-1569128 | 06-14 | A196132 (BO-TU528) | A196132 | ELBOW, magneto radio shield, assembly | 2 | |
| | G104-1781934 | 06-14 | A196149 (BO-SC5274) | A196149 | SCREW, magneto radio shield elbow to shield (hex-hd., stainless S., No. 10 (.190)-32NF-3 x 11/16) | 4 | |
| | G104-1842507 | 06-14 | 106497 (BO-WA-5-5) | | WASHER, lock, magneto radio shield elbow to shield (reg., S., No. 10) | 8 | |
| | G104-1842503 | 06-14 | A195596 (BO-WA-94018) | A195596 | WASHER, plain, magneto radio shield elbow to shield (S., cd-pltd., 3/16) (superseded by WASHER, BO-WA1206) | 4 | |
| | | | (BO-WA1206) | | WASHER, magneto radio shield elbow to shield (supersedes WASHER, G104-1842503) | 4 | |

| | | | | | |
|---|---|---|---|---|---|
| G104-5196171 | 06-14 | A196171 (BO-FL5237) | A196171 | FLANGE, mounting, magneto (used on model BO-MJT-9A304) | 2 |
| G104-5196148 | 06-14 | A196148 (BO-SC5277) | A196148 | SCREW, magneto to rear crankcase section (fil-hd., S., ½-20 aero thd., class 3 fit x 5/16) | 12 |
| G104-1584658 | | C92123 (BO-FL5240) | C92123 | FLANGE, mounting, magneto (for BO-MJT-9A306 and BO-MJT-9A308) | 2 |
| G104-1781941 | | A196144 (BO-SC52110) | A196144 | SCREW, Phillips-hd., magneto mounting flange to housing (No. 4 driver, S., 5/16-20NS-3 x ⅞) (superseded by SCREW, BO-SC52138) | 12 |
| G104-1781941 | | (BO-SC52138) | | SCREW, magneto mounting flange to housing (supersedes SCREW, BO-SC52110) | 12 |
| G104-1585075 | 06-15 | A196128 (BO-WT528) | A196128 | FLYWEIGHT, magneto automatic spark advance governor, assembly | 4 |
| | | (BO-LE5263) | | FOLLOWER, magneto cam, w/SPRING, assembly (used on model BO-MJT-9A308) | 2 |
| G104-1593957 | | (BO-WA52131) | | GASKET, magneto cam and timing collar (cop.) | 2 |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | HOUSING, ass'y | BO-HG-52204 | 0604.15 |
| B | SCREW | BO-SC-52114 | 0604.15 |
| C | SPRING | BO-SP-52148 | 0604.15 |
| D | SPRING | BO-SP-52149 | 0604.15 |
| E | PLATE | BO-PL-52222 | 0604.15 |
| F | FLYWEIGHT | BO-WT-528 | 0604.15 |
| G | WASHER | BO-WA-1202 | 0604.15 |
| H | PIN | BO-PN2-14 | 0604.15 |
| J | HUB, ass'y | BO-HP-5211 | 0604.15 |
| K | SPRING | BO-SP-52150 | 0604.15 |

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**FIGURE 06-15 — AMERICAN BOSCH MAGNETO GOVERNOR ASSEMBLY, C92116**

# GROUP 06 — ELECTRICAL

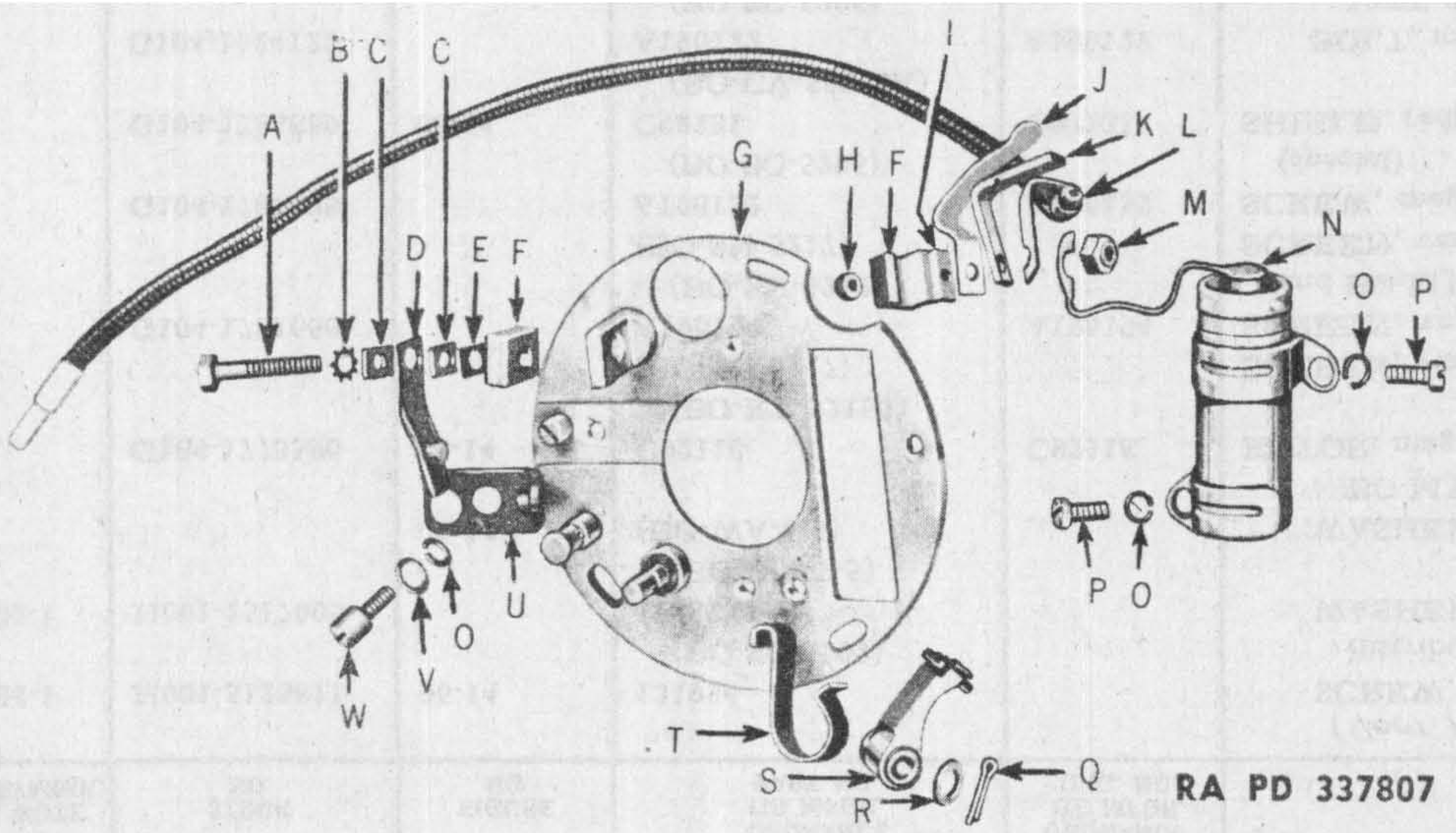
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1593966 | | A196170 (BO-GA5222) | A196170 | GASKET, magneto to breaker cover (vellumoid, 1/32 thk.) (also part of GASKET SET, G104-5700230) | 2 | |
| | G104-1593967 | 06-14 | A195602 (BO-GA5221) | A195602 | GASKET, magneto cam (soft copper, .747 O.D., .383 I.D., .032 thk.) (superseded by WASHER, G104-1593957) | 2 | |
| | G104-0100691 | | B154513 (CWR-200411) | B154513 | GASKET, magneto to rear crankcase section (also part of GASKET SET, G104-5700230) | 2 | |
| | | | (BO-GA5215U) | | GASKET, magneto ventilator screen | 2 | |
| | G104-1596401 | | C92120 (BO-GE52138) | C92120 | GEAR, driven, magneto distributor, w/SHAFT, assembly | 2 | |
| | G104-1596057 | 06-14 | A196169 (BO-GE5298) | A196169 | GEAR, drive, magneto inductor rotor | 2 | |
| | G104-1596401 | 06-14 | C92120 (BO-GE52138) | C92120 | GEAR, driven, magneto distributor, assembly (Includes: PLUG and SHAFT) (used on models BO-MJT-9A304 and BO-MJT-9A306) | 2 | |
| | | | (BO-GE52193) | | GEAR, driven, magneto distributor, w/SHAFT, assembly (used on model BO-MJT-9A308) | 2 | |
| | G104-1632829 | 06-14 | A196183 (BO-IS-52133) | A196183 | GLAND, insulating, magneto low tension grounding cable (used on models BO-MJT-9A304 and BO-MJT-9A306) | 2 | |
| | G104-1632829 | | (BO-IS52203) | | GLAND, insulating, magneto low tension grounding cable (used on model BO-MJT-9A308) | 4 | |
| | G104-7038479 | | (BO-GR5215A) | | GOVERNOR, magneto automatic spark advance, assembly (Includes: FLYWEIGHT assembly, HOUSING assembly, PIN, PLATE, SCREW, SPRINGS and WASHER) (used on model BO-MJT-9A308) | 2 | |
| | G104-1602011 | 06-15 | C92116 (BO-GR524) | C92116 | GOVERNOR, magneto automatic spark advance, assembly (Includes: FLYWEIGHT assembly, HOUSING assembly, HUB assembly, PIN, PLATE, SCREW, SPRINGS and WASHER) (used on models BO-MJT-9A304 and BO-MJT-9A306) | 2 | |
| | G104-1714677 | | A195584 (BO-NT-5234) | A195584 | NUT, castle, magneto automatic spark governor shaft (S., cd-pltd., 3/8-24NF-3) | 2 | |
| | | | (BO-PN1066) | | PIN, cotter, magneto governor mounting (used on model BO-MJT-9A308) | 2 | |
| | G104-1738487 | 06-14 | A195586 (BO-PN1022) | A195586 | PIN, cotter, magneto automatic spark governor shaft nut (split, S., 5/64 x 3/4) (used on models BO-MJT-9A304 and BO-MJT-9A306) | 2 | |
| | G104-1842510 | | (BO-WA6-12) | | WASHER, lock, magneto automatic spark governor shaft (S., 3/8) | 2 | |
| | G104-1842514 | | A196197 (BO-WA5285) | A196197 | WASHER, plain, magneto automatic spark governor shaft (S., cd-pltd., .394 I.D. x .812 O.D. x .100 thk., recessed .031 x 45° chamfer) | 2 | |
| | G158-0217874 | 06-14 | C92129 (BO-HG-52200A) | C92129 | HOUSING, gear, magneto, assembly (Includes: BUSHING, KEY, RING, SPRING and STUD) | 2 | |
| H-1 | H001-0725640 | 06-14 | 503338 (BO-NT-1021) | | NUT, safety, S., 1/4-28NF-3 (BBSX4AA) | 4 | |
| | G104-1792338 | | A196192 (BO-SD5263) | A196192 | STUD, magneto gear housing cover to magneto housing | 4 | |
| | | | (BO-HG-52216) | | HOUSING, magneto (used on model BO-MJT-9A304) | 2 | |
| | G104-2737102 | | (BO-HG-52230) | | HOUSING, magneto (used on models BO-MJT-9A304, BO-MJT-9A306 and BO-MJT-9A308) | 2 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| H-1 | H001-0725640 | 06-14 | 503338 (BO-NT-1021) | | NUT, safety, S., ¼-28NF-3 (BBSX4AA) | 4 |
| | G104-1792338 | | A196192 (BO-SD-5263) | A196192 | STUD, magneto housing to cover, lower (short) (for BO-MJT-9A304 and BO-MJT-9A306) | 4 |
| | | | (BO-SD-52144) | | STUD, magneto housing to cover, lower (short) (for BO-MJT-9A308 only) | 4 |
| | G104-1792341 | | A196193 (BO-SD5268) | A196193 | STUD, magneto housing to cover, upper (long) (for BO-MJT-9A308 only) | 4 |
| | G104-1792348 | | (BO-SD52121) | | STUD, magneto housing to cover, upper (for BO-MJT-9A308 only) | 4 |
| | G104-1792341 | | A196193 (BO-SD-5268) | A196193 | STUD, magneto housing to cover, upper (long) (for BO-MJT-9A304 and BO-MJT-9A306) | 4 |
| | | | (BO-WA1465) | | WASHER, magneto housing to cover stud | 8 |
| | G104-1617726 | 06-15 | C92119 (BO-HG-52204) | C92119 | HOUSING, magneto governor, w/SHAFT, assembly | 2 |
| | | 06-14 | A196165 (BO-HG-52216A) | A196165 | HOUSING, magneto, w/STUDS, assembly (used on model BO-MJT-9A304) | 2 |
| | G104-1621052 | 06-15 | A196166 (BO-HB-5211) | A196166 | HUB, magneto automatic spark advance governor, assembly | 2 |
| | G104-1632828 | | A196182 (BO-IS52124) | A196182 | INSULATOR, disc, magneto induction rotor, gear housing end | 2 |
| | G104-1632844 | | A196160 (BO-IS-52173) | A196160 | INSULATOR, magneto breaker spring bolt | 4 |
| | G104-1632829 | | A196183 (BO-IS52133) | A196183 | INSULATOR, magneto low tension ground terminal (used on models BO-MJT-9A304 and BO-MJT-9A306) | 2 |
| | G104-1658672 | | A196184 (BO-KY-526) | A196184 | KEY, locking, magneto gear housing bearing race (cd-pltd., S., 3/16 x .569 x 3/32 (with groove) (used on models BO-MJT-9A304 and BO-MJT-9A306) | 2 |
| | G104-1658675 | 06-14 | A195691 (BO-KY-1005) | A195691 | KEY, Woodruff, magneto cam (S., ⅜ x .0948) | 2 |
| H-1 | H001-0518009 | | 106749 (BO-KY-11-4) | | KEY, Woodruff, S., ⅛ x ½ (magneto drive gear) (BGAX5A) | 2 |
| | | | (BO-LE5263) | | LEVER, magneto follower cam, w/BLOCK and SPRING (used on model BO-MJT-9A308) | 4 |
| | G104-1531494 | 06-16 | (BO-LE-5243) | | LEVER, magneto follower cam, w/BLOCK, assembly (used on models BO-MJT-9A304 and BO-MJT-9A306) | 2 |
| | | | (BO-LR528) | | LUBRICATOR, magneto cam (used on model BO-MJT-9A308) | 2 |
| | G104-1781946 | | (BO-SC52114) | | SCREW, magneto cam lubricator to breaker plate | 4 |
| | | | (BO-WA1308) | | WASHER, magneto cam lubricator to breaker plate screw | 4 |
| | G104-2287139 | | D47585 (BO-MJT-9A-304) | D47585 | MAGNETO, assembly (Includes: APRON, BEARINGS, BLOCK, BREAKER, BUSHING, CAM, COIL, COVERS, DISC, FLANGE BO-FL5237, GEARS, GOVERNOR, HOUSINGS BO-HG-52216A, PLATES, ROTOR and SHIELD) | 4 |
| | G104-7038480 | | (CWR-203586) (BO-MJT-9A-308) | | MAGNETO, assembly (Includes: APRON, BEARINGS, BLOCK, BREAKER, BUSHING, CAM, COIL, COVERS, DISC, FLANGE BO-FL5240, GEARS, GOVERNOR, HOUSINGS, PLATES, ROTOR and SHIELD) (optional with Scintilla MAGNETO, G163-5171522) (C4 only) | 2 |
| | G104-1687245 | 01-1,2, 06-14 | D52776 (CWR-201946) (BO-MJT-9A-306) | D52776 | MAGNETO, assembly (Includes: APRON, BEARINGS, BLOCK, BREAKER, BUSHING, CAM, COIL, COVERS, DISC, FLANGE BO-FL5240, GEARS, GOVERNOR, HOUSINGS, PLATES, ROTOR and SHIELD) (C1 only) | 2 |
| | G104-1714677 | 06-14 | A195584 (BO-NT-5234) | A195584 | NUT, castle, magneto governor shaft | 2 |
| | G104-1714663 | 06-14 | (BO-NT-5235) | | NUT, magneto cam fastening (hex-hd., cd-pltd., br., ⅜-24NF-3) | 2 |
| | | 06-14 | A196157 (BO-NT-5239) | A196157 | NUT, magneto low tension outlet, ventilator cover (cross-knurled, br., cd-pltd., 11/16-24NS-3) | as req. |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1714770 | | (BO-NT-5274) | | NUT, magneto low tension terminal, w/SPRING, assembly (used on model BO-MJT-9A308) | 2 | |
| | G104-1714770 | 06-14 | A196156 (BO-NT-5244) | A196156 | NUT, magneto low tension terminal, w/SPRING, assembly (used on models BO-MJT-9A304 and BO-MJT-9A306) | 2 | |
| | | | (BO-NT-523 | | NUT, protecting, magneto low tension terminal (for shipping and storing only) | as req. | |
| | G104-1531587 | | A196175 (BO-CP5245) | A196175 | NUT, magneto radio shield elbow bushing (cross-knurled, br., cd-pltd., 11/16-24NF-2) | 2 | |
| | G104-1782998 | 06-14 | A195582 (BO-PK-523) | A195582 | OIL SEAL, magneto flange, w/INSERT, assembly (cd-pltd., S., 1.37 O.D., .250 thk., .781 I.D.) (rubber insert) | 2 | |
| | G158-0338699 | 06-16 | A195585 (BO-FP84791) | A195585 | PIN, cotter, magneto breaker plate cam follower lever post (split, S., .045 x 3/8) | 2 | |
| | G158-0338714 | 06-15 | (BO-PN2-14) | | PIN, cotter, magneto governor retaining post (split, S., 1/16 x 7/16) | 4 | |
| | G104-1740244 | 06-15 | A196151 (BO-PL52222) | A196151 | PLATE, holding, magneto governor spring | 4 | |
| | G104-1781946 | 06-15 | A196143 (BO-SC52114) | A196143 | SCREW, magneto governor spring holding plate (fil-hd., S., cd-pltd., No. 8 (.164)-32NC-2 x 11/32) | 8 | |
| | | | A196187 (BO-NP-5228) | A196187 | PLATE, instruction, magneto breaker cover | 2 | |
| | | | A196188 (BO-NP-5229) | A196188 | PLATE, instruction, magneto dust cover | 2 | |
| | G104-1632834 | | A196163 (BO-IS-52123) | A196163 | PLATE, insulating, magneto distributor block | 2 | |
| | G104-1740243 | 06-16 | A196123 (BO-PL-52150) | A196123 | PLATE, magneto breaker, assembly | 2 | |
| | G104-1789579 | 06-14 | A195590 | A195590 | SCREW, magneto breaker plate to housing (fil-hd., S., cd-pltd., No. 8 (.164) -32NC-3 x 7/16 | 6 | |
| | G104-1842505 | 06-14 | (BO-WA-8-4) | | WASHER, lock, magneto breaker plate to housing screw (lgt., S., No. 8) (used on models BO-MJT-9A304 and BO-MJT-9A306) | 6 | |
| | | 06-14 | (BO-WA5-4) | | WASHER, magneto breaker plate to housing screw (used on model BO-MJT-9A308) | 6 | |
| | G104-1842513 | 06-14 | A195597 (BO-WA86754) | A195597 | WASHER, plain, magneto breaker plate to housing screw (S., cd-pltd., No. 8) | 6 | |
| | | 06-14 | A196185 (BO-NP-5225) | A196185 | PLATE, name, magneto | 2 | |
| | | | A195610 (BO-SC150-3CA) | A195610 | SCREW, drive, magneto name plate (rd-hd., parkerized, S., No. 0 (.060) x 3/16) | 4 | |
| | | 06-14 | A196186 (BO-NP5227) | A196186 | PLATE, patent notice, magneto | 2 | |
| | | 06-14 | A195610 (BO-SC150-3PA) | A195610 | SCREW, drive, magneto patent plate (rd-hd., parkerized, S., No. 0 (.060) x 3/16) | 4 | |
| | G104-1740245 | 06-16 | A196124 (BO-PL52149) | A196124 | PLATE, supporting, magneto short-circuiting spring | 2 | |
| | G104-1740241 | 06-14 | A196150 (BO-PL52203) | A196150 | PLATE, thrust, magneto flange ball bearing | 2 | |

| | | | | | |
|---|---|---|---|---|---|
| G104-1781947 | 06-14 | A196121 (BO-SC5297) | A196121 | SCREW, magneto flange ball bearing thrust plate (fil-hd., cd-pltd., S., No. 10 (.190)-24NC-2 x 7/16) | 8 |
| G104-1740242 | 06-14 | A196120 (BO-PL52202) | A196120 | PLATE, thrust magneto housing ball bearing | 2 |
| G104-1781947 | 06-14 | A196121 (BO-SC-5297) | A196121 | SCREW, magneto housing ball bearing thrust plate (fl-hd., cd-pltd., S., No. 10 (.190)-24NC-2 x 7/16) | 8 |
| G104-1740451 | 06-14 | A196125 (BO-PG-5214) | A196125 | PLUG, magneto housing drain hole | 2 |
| G104-1740452 | | A195581 (BO-PG-529) | A195581 | PLUG, magneto radio shield elbow (hex-hd., al-alloy., 11/16-24NS-3 x 7/32) | 2 |
| G104-1740450 | | A196190 (BO-WK-5229) | A196190 | PLUG, oil restrictor, magneto distributor gear shaft (felt) | 2 |
| G104-1769746 | | A196136 (BO-SP-52123) | A196136 | RING, retaining, magneto locking key (used on models BO-MJT-9A304 and BO-MJT-9A306) | 4 |
| G104-1769922 | | A195604 (BO-FP-76653) | A195604 | RIVET, magneto bearing retainer spring (br., cd-pltd., .087 x 3/16) | 4 |
| | | A196189 (BO-RI-1104) | A196189 | RIVET, tubular, magneto breaker cover (8) and dust cover (8) (parkerized, S., 11/64 x .098) | 6 |
| G104-1773595 | 06-14 | C92117 (BO-RT-52147) | C92117 | ROTOR, magneto distributor (used on models BO-MJT-9A306 and BO-MJT-9A308) *(Cont.)* | 2 |






| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BOLT | BO-SC-5247 | 0604.15 |
| B | WASHER | 114601 | 0604.15 |
| C | WASHER | BO-WA-5282 | 0604.15 |
| D | SPRING | BO-SP-52141 | 0604.15 |
| E | SHIM | BO-SR-529 | 0604.15 |
| F | BLOCK | BO-IS-52173 | 0604.15 |
| G | PLATE, ass'y | BO-PL-52150 | 0604.15 |
| H | BUSHING | BO-IS-52172 | 0604.15 |
| I | NUT | BO-NT-5233 | 0604.15 |
| J | SPRING | BO-SP-52110 | 0604.15 |
| K | PLATE | BO-PL-52149 | 0604.15 |
| L | CABLE | BO-CB-5289 | 0604.15 |
| M | NUT | BO-NT-1047 | 0604.15 |
| N | CONDENSER, ass'y | BO-CW-5241 | 0604.15 |
| O | WASHER | BO-WA-8-4 | 0604.15 |
| P | SCREW | BO-SC-5249 | 0604.15 |
| Q | PIN | BO-FP-84791 | 0604.15 |
| R | WASHER | BO-WA-1154 | 0604.15 |
| S | LEVER | BO-LE-5243 | 0604.15 |
| T | SPRING | BO-SP-5289 | 0604.15 |
| U | BRACKET | BO-BK-52102 | 0604.15 |
| V | WASHER | BO-WA-72613 | 0604.15 |
| W | SCREW | BO-SC-5259 | 0604.15 |

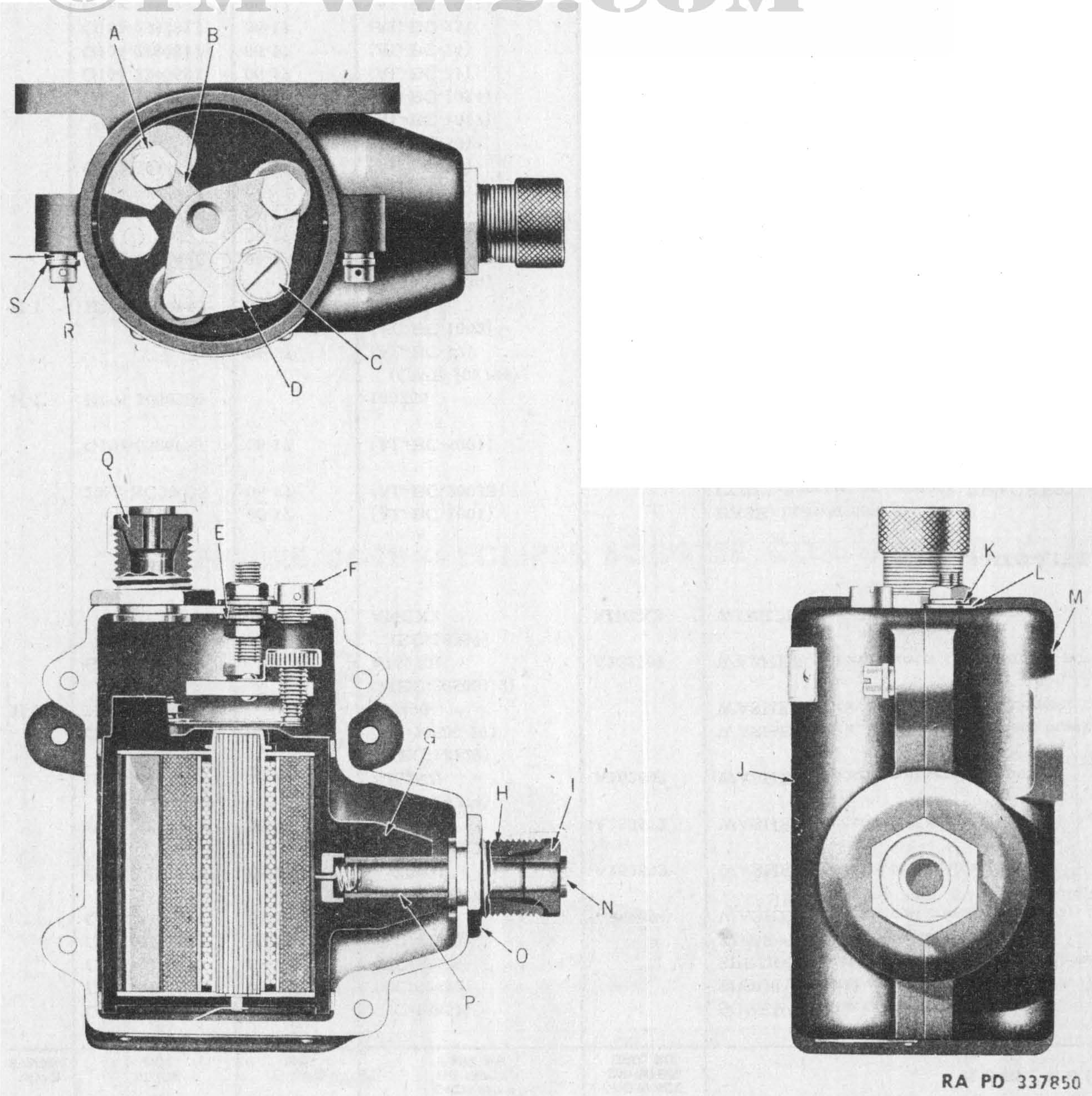
RA PD 337807E

**FIGURE 06-16 — AMERICAN BOSCH MAGNETO BREAKER ASSEMBLY, C92135**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| H-1 | H001-5125811 | 06-14 | 131954 (BO-SC-5292) | | SCREW, mach., fil-hd., S., cd-pltd., No. 10 (.190)-32NF-3 x 35/64 (magneto distributor rotor block to housing) (BCFAX2AB-1) | 4 | |
| H-1 | H001-1517005 | | 118873 (BO-WA-7-5) | | WASHER, lock, lgt., S., No. 10 (BECX2E) | 4 | |
| | | 06-14 | (BO-WA-6-5) | | WASHER, lock, magneto distributor rotor to housing screw (used on model BO-MJT-9A308) | 4 | |
| | G104-1773596 | 06-14 | C92118 (BO-RT-52153) | C92118 | ROTOR, magneto inductor, assembly (used on model BO-MJT-9A304) | 2 | |
| | | | (BO-SN-5217) | | SCREEN, ventilating, magneto breaker cover (used on model BO-MJT-9A308) | 2 | |
| | G104-1781660 | | A196194 (BO-SN-5212) | A196194 | SCREEN, ventilating, magneto breaker cover (used on models BO-MJT-9A304 and BO-MJT-9A306) | 2 | |
| | | | (BO-SN-5227) | | SCREEN, ventilating, magneto housing | 2 | |
| | G104-1781693 | | A196152 (BO-SC-5295) | A196152 | SCREW, magneto distributor block, cable piercing (wood, fil-hd., S., ⅝, No. 3 (special) | 18 | |
| | G104-1784869 | 06-14 | C92131 (BO-CV-52296A) | C92131 | SHIELD, radio, magneto, assembly | 2 | |
| | G104-1524122 | | A196122 (BO-SC-5296) | A196122 | BOLT, magneto radio shield to housing (hex-hd., S., cd-pltd., No. 10 (.190)-32NF-3 x ⅞) | 8 | |
| H-1 | H001-0725440 | | 503249 (BO-NT-1077) | | NUT, safety, m-screw, S., No. 10 (.190)-32NF-2 (BBSX1Z) (superseded by NUT, BO-NT-1080 and NUT, H001-1518005) | 8 | |
| H-1 | H001-1518005 | | (BO-WA-5-5) | | NUT, magneto radio shield bolt to housing (supersedes NUT, H001-0725440) | 8 | |
| H-1 | H001-0725440 | | 503249 (BO-NT-1080) | | NUT, safety, m-screw, S., No. 10 (.190)-32NF-2 (BBSX1Z) (supersedes NUT, BO-NT-1077) | 16 | |
| | G104-1781944 | 06-14 | A196154 (BO-SC-52100) | A196154 | SCREW, magneto radio shield to housing (hex-hd., S., cd-pltd., No. 12 (.216)-24NC-3 x 9/16) | 4 | |
| | G104-1781943 | 06-14 | A196155 (BO-SC-52101) | A196155 | SCREW, magneto radio shield to housing (hex-hd., S., cd-pltd., No. 12 (.216)-24NC-3 x 1 1/16) | 4 | |
| H-1 | H001-1518006 | 06-14 | 106498 (BO-WA-7-6) | | WASHER, lock, magneto radio shield to housing screw and bolt (reg., S., No. 12) (BECX1F) | 16 | |
| | | | C92128 (BO-CV-52294C) | C92128 | SHIELD, radio magneto, left (used on model BO-MJT-9A304) | 2 | |
| | | | C92130 (BO-CV-52295C) | C92130 | SHIELD, radio, magneto, right (used on model BO-MJT-9A304) | 2 | |
| | G104-1784941 | 06-16 | A195578 (BO-SR-529) | A195578 | SHIM, spacing, magneto contact spring fastening bolt (special) | as req. | |
| | G104-1540118 | 06-14 | A196130 (BO-WK-5238) | A196130 | SLEEVING, magneto dust cover edge (cotton) | 2 | |
| | G104-1540117 | 06-14 | A196131 (BO-WK-5236) | A196131 | SLEEVING, magneto housing and gear housing edge (cotton) | 2 | |
| | G104-1789435 | 06-14 | A196134 (BO-SR-5211) | A196134 | SPACER, magneto gear housing ball bearing (used on models BO-MJT-9A304 and BO-MJT-9A306) | 4 | |
| | | | (BO-SR-5273) | | SPACER, magneto gear housing ball bearing (used on model (BO-MJT-9A308) | 2 | |
| | G104-1789448 | 06-14 | A196195 (BO-SR-5223) | A196195 | SPACER, magneto inductor rotor shaft | 2 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-1742200 | 06-16 | A196145 (BO-SP-52141) | A196145 | SPRING, contact, magneto, w/POINT, assembly (used on models BO-MJT-9A304 and BO-MJT-9A306) | 2 |
| | G104-2987250 | | (BO-SP-5287) | | SPRING, contact, magneto, w/POINT, assembly (used on model BO-MJT-9A308) | 2 |
| | G104-1524230 | 06-16 | A195587 (BO-SC-5247) | A195587 | BOLT, magneto contact spring to breaker plate (hex-hd., S., cd-pltd., No. 6 (.138)-40NF-2 x 7/8) | 2 |
| | G104-1714769 | 06-16 | A195609 (BO-NT-1047) | A195609 | NUT, magneto contact spring to breaker plate bolt (hex., S., cd-pltd., No. 6 (.138)-40NF-2) | 2 |
| | G104-1714768 | 06-16 | A195583 (BO-NT-5233) | A195583 | NUT, square, magneto contact spring to breaker plate bolt (S., cd-pltd., No. 6 (.138)-42NF-2) | 2 |
| H-1 | H001-7017530 | 06-16 | 114601 (BO-WA-21-3) | | WASHER, lock, internal teeth, S., No. 6 (BEAX7B) | 2 |
| | G104-1789577 | 06-14 | A195579 (BO-SP-52104) | A195579 | SPRING, locking, magneto low tension outlet nut | 2 |
| | G104-1789580 | 06-16 | A196142 (BO-SP-5289) | A196142 | SPRING, magneto follower cam lever | 2 |
| | G104-1789576 | 06-15 | A196139 (BO-SP-52148) | A196139 | SPRING, operating, magneto automatic spark advance governor (used on models BO-MJT-9A304 and BO-MJT-9A306) | 4 |
| | G104-1789574 | 06-15 | A196140 (BO-SP-52149) | A196140 | SPRING, operating magneto automatic spark plug advance governor (used on models BO-MJT-9A304 and BO-MJT-9A306) | 4 |
| | | | (BO-SP-52200) | | SPRING, operating, magneto automatic spark advance governor (used on model BO-MJT-9A-308) | 4 |
| | G104-1789575 | 06-15 | A196141 (BO-SP-52150) | A196141 | SPRING, reinforcing, magneto automatic spark advance governor (used on models BO-MJT-9A304 and BO-MJT-9A306) | 4 |
| | | | (BO-SP-52207) | | SPRING, reinforcing, magneto automatic spark advance governor (used on model BO-MJT-9A308) | 4 |
| | G104-1789579 | | A195590 (BO-SP-52105) | A195590 | SPRING, retaining, magneto gear housing ball bearing | 2 |
| | | | (BO-SP-52208) | | SPRING, secondary, magneto automatic spark advance governor (used on model BO-MJT-9A308) | 4 |
| | G104-1789573 | 06-16 | A196135 (BO-SP-52110) | A196135 | SPRING, short circuiting, magneto breaker | 2 |
| | G104-1792349 | | (BO-SD-5297) | | STUD, magneto breaker cover and gear housing (S., cd-pltd., 1/4-20NF-2 (7/16) x 1 1/16 x 1/4-28NF-2 (1/2) (used on model BO-MJT-9A304) | 8 |
| | G104-1792346 | | (BO-SD-52120) | | STUD, magneto gear housing (S., cd-pltd., 1/4-20NC-2 (7/16) x 1 3/16 x 1/4-28NF-2 (1/2) (used on model BO-MJT-9A304) | 4 |
| | G104-1798549 | 06-14 | A195605 (BO-EC-52137) | A195605 | TERMINAL, low tension, magneto, grounding cable | 2 |
| | G104-1632839 | 06-14 | A195601 (BO-IS-5229) | A195601 | WASHER, insulating, magneto coil fastening screw (fabric base bakelite, .305 I.D. x 1/2 O.D. x 1/8 thk.) | 2 |
| | G104-1842510 | 06-14 | (BO-WA-6-12) | | WASHER, lock, magneto governor shaft | 2 |
| | G104-1842504 | 06-15 | A195595 (BO-WA-1202) | A195595 | WASHER, plain, magneto automatic spark advance gove nor (S., .286 I.D. x .478 O.D. x .010 thk.) | 4 |
| | G104-1842915 | | (BO-WA-52129) | | WASHER, magneto, between bearing and cam | 2 |
| | G104-1593957 | | (BO-WA-52131) | | WASHER, magneto cam (supersedes GASKET, G104-1593967) | 2 |
| | G104-1842502 | 06-14 | A195599 (BO-WA-5287) | A195599 | WASHER, plain, magneto distributor gear shaft (cop., .478 I.D. x 3/4 O.D. x .020 thk.) (used on models BO-MJT-9A304 and BO-MJT-9A306) | 2 |
| | G104-1842915 | | (BO-WA-52129) | | WASHER, magneto distributor shaft (used on model BO-MJT-9A308) | 2 |
| | G104-1842500 | 06-16 | A195600 (BO-WA-[illegible]54) | A195600 | WASHER, plain, magneto follower cam lever post (18-8 stainless S., .192 I.D. x 3/8 O D. x .032 thk.) | 2 |
| | G104-1842515 | 06-14 | A19559[illegible] (B[illegible]-WA-5293) | A195598 | WASHER, plain, magneto inductor rotor (S., cd-pltd., .475 I.D. x 3/4 O.D. x .095 thk.) | 2 |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | (BO-WA-5281) | | WASHER, plain, magneto ventilator screen | 2 | |
| | G104-1842514 | 06-14 | (BO-WA-5285) | | WASHER, recessed, magneto governor shaft | 2 | |
| | G104-1789436 | 06-16 | A196196 (BO-WA-5282) | A196196 | WASHER, spacing, magneto fastening bolt (special) | 4 | |
| | | | (BO-WA-1309) | | WASHER, spacing, magneto gear bearing (.010 thk.) | as req. | |
| | | | (BO-WA-1310) | | WASHER, spacing, magneto gear bearing (.012 thk.) | as req. | |
| | | | (BO-WA-1311) | | WASHER, spacing, magneto gear bearing (.014 thk.) | as req. | |
| | | | (BO-WA-1312) | | WASHER, spacing, magneto gear bearing (.016 thk.) | as req. | |
| | | | (BO-WA-1313) | | WASHER, spacing, magneto gear bearing (.018 thk.) | as req. | |
| | | | | | **0604.51—ECLIPSE BOOSTER COIL** | | |
| | | | (EC-18930) | | BOX, booster coil housing | 1 | |
| | G104-0500360 | 06-18 | (EC-40725) | | BRACKET, booster coil contact, w/CLIP, assembly | 1 | |
| | G103-0500400 | 06-18 | (EC-12990) | | BUSHING, booster coil terminal post | 1 | |
| | G104-0500630 | 06-18 | (EC-28250) | | CAP, booster coil spout | 2 | |
| | | | (EC-11952) | | CLIP, ratchet, booster coil contact bracket | 1 | |
| | G104-0500710 | 06-18 | (EC-22290) | | COIL, booster, assembly | 1 | |
| | G104-0500760 | | B155909B (EC-68357) | B155909 | COIL, booster, ignition, assembly (type 513, model 3, style A) (Includes: BUSHING, CAP, GLAND, HOUSING, PAD, PLATES, SCREWS, SPOUT, TUBE, WASHERS and WIRE) (superseded by COIL, G128-7091712) | 1 | |
| | G128-7091712 | 06-18 | (EC-A119375) | | COIL, booster, ignition, assembly (type 513, model 3, style A) (Includes: BUSHING, CAP, GLAND, HOUSING, PAD, PLATES, SCREWS, SPOUT, TUBE, WASHERS and WIRE) (optional with Auto-Lite COIL, G104-0500760 and DELCO REMY COIL, G163-0139400) (supersedes COIL, G104-0500760) | 1 | |
| | 2830-118664 | | B208594 (EC-118664) | B208594 | COIL, booster, w/BRACKET, assembly (Includes: NUT, SCREW, SPRING and WASHERS) | 1 | |
| | G104-0502880 | | (EC-43922) | | CONNECTOR, booster coil, assembly | 1 | |
| | | 06-18 | (EC-18931) | | COVER, booster coil housing | 1 | |
| | G104-0501370 | 06-18 | (EC-28249) | | GLAND, booster primary coil, side | 1 | |
| | G104-0501380 | 06-18 | (EC-43744) | | GLAND, booster secondary coil, front | 1 | |
| | G104-0501540 | | (EC-30337) | | HOUSING, booster coil, assembly (Includes: BOX and COVER) | 1 | |
| | G104-0503410 | 06-18 | (EC-12582) | | SCREW, booster coil housing (mach., fil-hd., S., cd-pltd., dld. f/lkg-wire., No. 8 (.164)-32 NC-2 x ⅝) | 4 | |
| | G104-0504560 | 06-18 | (EC-20501-10) | | NUT, booster coil terminal post (hex., br., cd-pltd., No. 10 (.190)-32NF-2) | 7 | |
| | G104-0502360 | 06-18 | A193985 (EC-52411) | A193985 | NUT, shielding, booster coil spout | 2 | |
| | G104-0502640 | 06-18 | (EC-61571) | | PAD, booster coil housing cover (rubber) | 4 | |
| | | | (EC-79250) | | PLATE, data, booster coil | 1 | |
| | | | (EC-39234) | | PLATE, instruction, booster coil | 1 | |
| | G038-0167120 | | (EC-20508-1) | | SCREW, booster coil instruction plate | 2 | |
| | | | (EC-14641) | | PLATE, name, booster coil | 1 | |
| | G038-0167120 | | (EC-20508-1) | | SCREW, booster coil name plate (No. 2 x ⅛) | 2 | |
| | G104-0502890 | | (EC-35651) | | PLUG, screw, booster coil housing | 1 | |

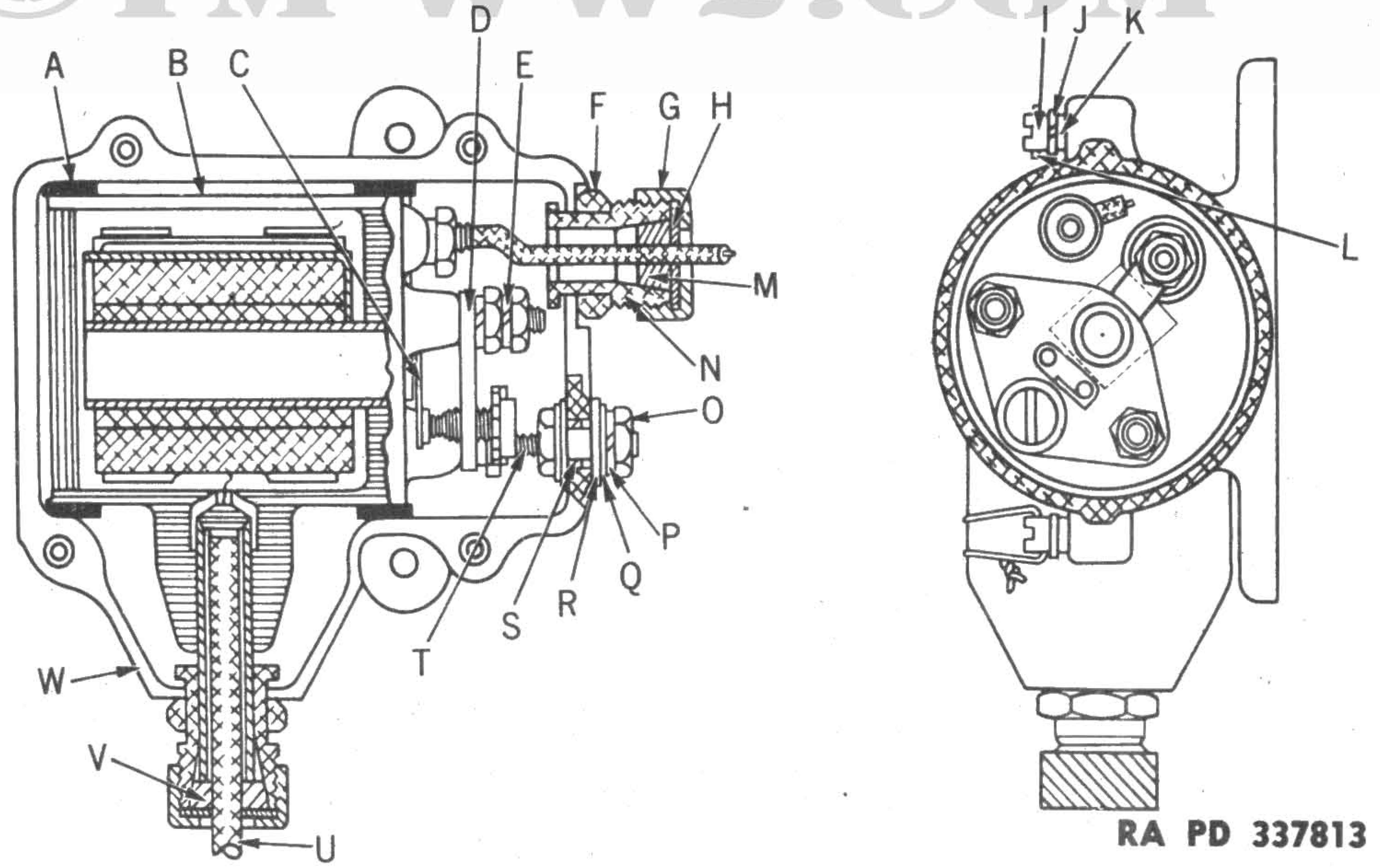



| Key | Item | Part Number | Group |
|---|---|---|---|
| A | NUT | AL-8X-1647 | 0604.55 |
| B | SPRING | AL-BC-1023 | 0604.55 |
| C | SCREW | AL-BC-1034 | 0604.55 |
| D | PLATE | AL-BC-1027 | 0604.55 |
| E | WASHER | AL-SW-661 | 0604.55 |
| F | PLUG | AL-BC-31 | 0604.55 |
| G | COIL, ass'y | AL-BC-2003S | 0604.55 |
| H | INSERT | AL-BC-33 | 0604.55 |
| I | SEAL | AL-BC-25 | 0604.55 |
| J | COVER | AL-BC-1002 | 0604.55 |
| K | WASHER | AL-X-1019 | 0604.55 |
| L | WASHER | CWR-200165 | 0105.2 |
| M | BASE | AL-BC-1001 | 0604.55 |
| N | COLLAR | AL-BC-37 | 0604.55 |
| O | NUT | AL-BC-35 | 0604.55 |
| P | SPRING, ass'y | AL-BC-2010 | 0604.55 |
| Q | SEAL | AL-BC-24 | 0604.55 |
| R | SCREW | AL-BC-39 | 0604.55 |
| S | WASHER | AL-X-1024 | 0604.55 |
| T | WASHER | AL-BC-29 | 0604.55 |

RA PD 337850E

**FIGURE 06-17 — AUTO-LITE BOOSTER COIL ASSEMBLY, AL-BC-4001 — 3 VIEWS**

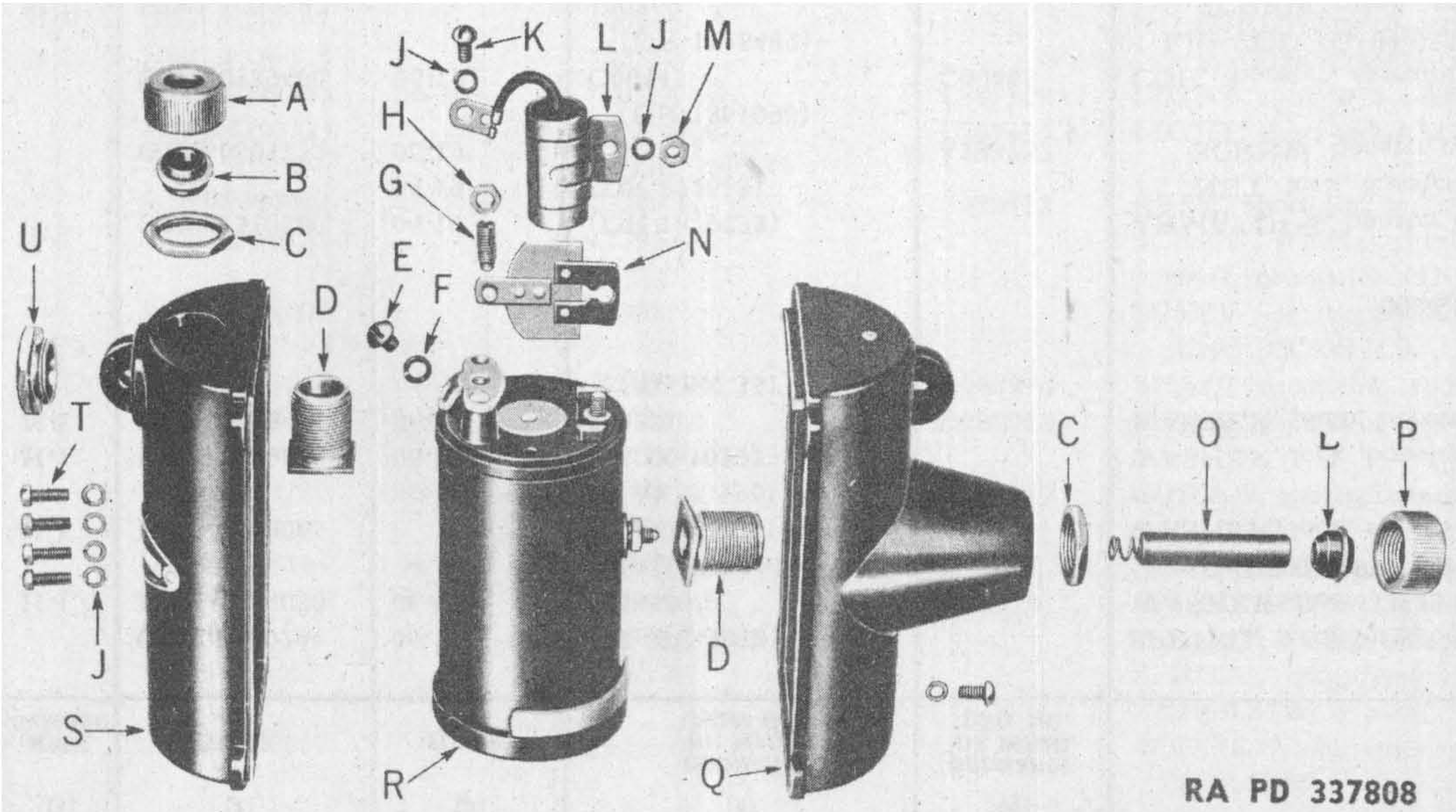
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G103-0501760 | 06-18 | (EC-18951) | | SCREW, contact, booster coil | 1 | |
| | G104-0503820 | 06-18 | (EC-52412) | | SPOUT, booster coil | 2 | |
| | G104-0504070 | 06-18 | (EC-18949) | | SPRING, booster coil, w/CONTACT, assembly | 1 | |
| | G104-0502880 | 06-18 | (EC-43922) | | TUBE, booster coil, assembly | 1 | |
| | G104-0504920 | 06-18 | A162694 (EC-12174) | A162694 | WASHER, booster coil contact screw | 2 | |
| | G104-0504910 | 06-18 | A162693 (EC-11413) | A162693 | WASHER, booster coil housing screw | 4 | |
| | G104-0504950 | 06-18 | A159572 (EC-29274) | A159572 | WASHER, booster coil spout | 2 | |
| | G104-0504930 | 06-18 | A162697 (EC-13129) | A162697 | WASHER, booster coil terminal post | 2 | |
| | G104-0505230 | 06-18 | (EC-20500-29) | | WASHER, lock, booster coil contact bracket (bz., tin-pltd., No. 10) | 7 | |
| H-1 | H001-1518004 | | 106496 (EC-205001-2) | | WASHER, lock, reg., S., No. 8 (booster coil housing screw) (BECX1D) | 4 | |
| | G104-0504850 | | A162701 (EC-18357) | A162701 | WASHER, plain, booster coil terminal post (S., cd-pltd., No. 8) | 1 | |
| | | 06-18 | ANCX3 | ANCX3 | WIRE, locking, br., soft, .040 diam. | as req. | |
| | | | | | **0604.55—AUTO-LITE BOOSTER COIL** | | |
| | | 06-17 | (AL-BC-1001) | | BASE, booster coil | 1 | |
| | 2980-BC2003S | 06-17 | (AL-BC-2003S) | | COIL, booster, w/contact BRACKET, assembly (Includes: NUT, PLATES, SCREW, SPRING and WASHERS) | 1 | |
| | G104-0500760 | 06-17 | (AL-BC-4001) | | COIL, booster, assembly (optional with Eclipse COIL, G128-7091712 and Delco-Remy COIL, G163-0139400) | 1 | |
| H-1 | H001-1030589 | | 100766 (CWR-202794) | | SCREW, mounting, mach., rd-hd., S., No. 10-32 NF-2 x ¼ (BCOX1.1AH) | 2 | |
| | | 06-17 | (AL-BC-37) | | COLLAR, insert, booster coil | 2 | |
| | | 06-17 | (AL-BC-1002) | | COVER, booster coil | 1 | |
| H-1 | H001-5419140 | 06-17 | 100121 (AL-BC-39) | | SCREW, cap, hex-hd., S., 5/16-18NC-3 x ¾ (BCVX2CH) | 4 | |
| | G128-0443025 | 06-17 | (AL-X-1024) | | WASHER, lock, booster coil cover screw (No. 8) | 4 | |
| | | 06-17 | (AL-BC-29) | | WASHER, plain, booster coil cover screw (S., No. 8) | 4 | |
| | G128-0232715 | 06-17 | (AL-BC-33) | | INSERT, terminal, booster coil | 2 | |
| | G128-0314836 | 06-17 | (AL-8X-1647) | | NUT, booster coil spring (hex., No. 10-32) | 6 | |
| | G128-0314837 | 06-17 | (AL-BC-35) | | NUT, booster coil terminal insert (11/16-24) | 2 | |
| | | | (AL-BC-30) | | PLATE, clamp, booster coil | 1 | |
| | | 06-17 | (AL-BC-1027) | | PLATE, contact, booster coil | 1 | |
| | G104-2382350 | 06-17 | (AL-BC-1034) | | SCREW, booster coil contact plate | 1 | |
| | G104-2340682 | 06-17 | (AL-BC-31) | | PLUG, booster coil (5/16-24) | 1 | |
| | G104-2382812 | 06-17 | (AL-BC-24) | | SEAL, booster coil primary terminal insert | 1 | |
| | G104-2382813 | 06-17 | (AL-BC-25) | | SEAL, booster coil secondary terminal insert | 1 | |
| | G104-2389832 | 06-17 | (AL-BC-1023) | | SPRING, contact, booster coil | 1 | |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PAD | EC-61571 | 0604.51 |
| B | COIL, ass'y | EC-22290 | 0604.51 |
| C | SPRING, ass'y | EC-18949 | 0604.51 |
| D | BRACKET, ass'y | EC-40725 | 0604.51 |
| E | WASHER | EC-20500-29 | 0604.51 |
| F | NUT | EC-52411 | 0604.51 |
| G | CAP | EC-28250 | 0604.51 |
| H | WASHER | EC-29274 | 0604.51 |
| I | SCREW | EC-12582 | 0604.51 |
| J | WASHER | 106496 | 0604.51 |
| K | WASHER | EC-11413 | 0604.51 |
| L | WIRE | ANCX3 | 0604.51 |
| M | GLAND | EC-28249 | 0604.51 |
| N | SPOUT | EC-52412 | 0604.51 |
| O | NUT | EC-20501-10 | 0604.51 |
| P | WASHER | EC-20500-29 | 0604.51 |
| Q | WASHER | EC-12174 | 0604.51 |
| R | WASHER | EC-13129 | 0604.51 |
| S | BUSHING | EC-12990 | 0604.51 |
| T | SCREW | EC-18951 | 0604.51 |
| U | TUBE, ass'y | EC-43922 | 0604.51 |
| V | GLAND | EC-43744 | 0604.51 |
| W | COVER | EC-18931 | 0604.51 |

RA PD 337813E

**FIGURE 06-18 — ECLIPSE BOOSTER COIL ASSEMBLY, EC-68357 — 2 VIEWS**



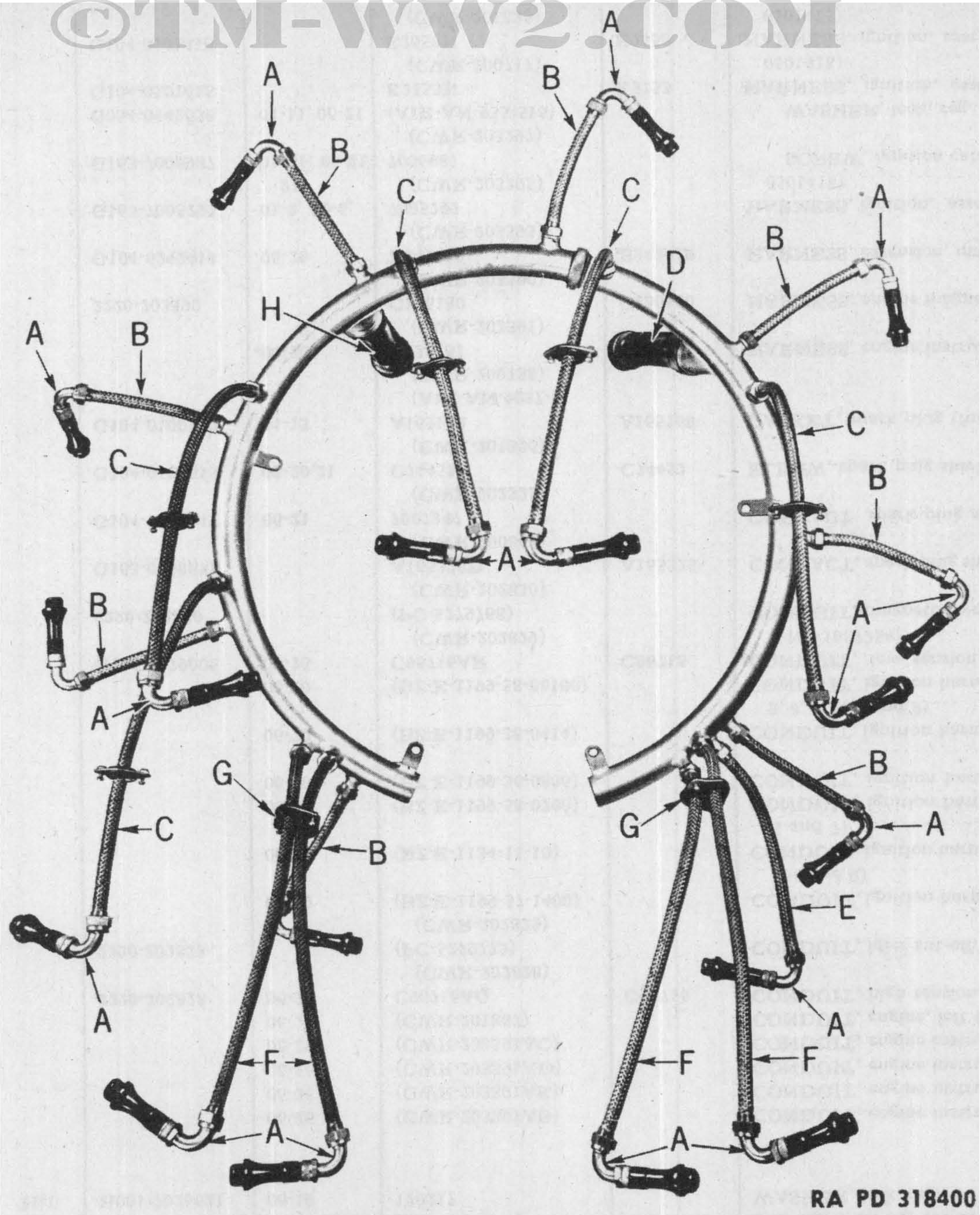

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | NUT | DR-1889900 | 0604.58 |
| B | GASKET | DR-1884040 | 0604.58 |
| C | NUT | DR-1889795 | 0604.58 |
| D | COUPLING | DR-1889797 | 0604.58 |
| E | SCREW | 132892 | 0604.58 |
| F | SCREW | 120217 | 0604.58 |
| G | WASHER | DR-1861998 | 0604.58 |
| H | NUT | DR-822613 | 0604.58 |
| J | WASHER | 121841 | 0604.58 |
| K | SCREW | DR-1904234 | 0604.58 |
| L | CONDENSER | DR-1877700 | 0604.58 |
| M | NUT | DR-817363 | 0604.58 |
| N | ARMATURE | DR-1879732 | 0604.58 |
| O | CONTACT, ass'y | DR-1889791 | 0604.58 |
| P | NUT | DR-1889420 | 0604.58 |
| Q | SHIELD, ass'y | DR-1889793 | 0604.58 |
| R | COIL | DR-1889779 | 0604.58 |
| S | SHIELD, ass'y | DR-1889794 | 0604.58 |
| T | SCREW | DR-1901432 | 0604.58 |
| U | PLUG | DR-1889796 | 0604.58 |

RA PD 337808E

**FIGURE 06-19 — DELCO REMY BOOSTER COIL ASSEMBLY, C90445 — EXPLODED VIEW**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G128-0389794 | 06-17 | (AL-BC-2010) | | SPRING, secondary, booster coil, assembly | 1 | |
| H-1 | H001-1512030 | 06-17 | 502453 (AL-SW-661) | | WASHER, fiber, .3125 in. O.D. x .203 in. I.D. x .0625 in. thk. (insulating, booster coil) (BEBX4F) | 1 | |
| H-1 | H001-1518005 | | 106497 (AL-X-196) | | WASHER, lock, reg., S., No. 10 (booster coil spring) (BECX1E) | 1 | |
| H-1 | H001-7019630 | 06-17 | (AL-X-1019) | | WASHER, lock, booster coil terminal (No. 10) | 6 | |
| H-1 | H001-7048400 | 06-17 | 502231 (AL-8X-351) | | WASHER, plain, booster coil terminal (S., No. 10) (BEBX3E) | 2 | |
| | | | | | **0604.58—DELCO-REMY BOOSTER COIL** | | |
| | G104-1510360 | 06-19 | (DR-1879732) | | ARMATURE, booster coil | 1 | |
| | | 06-19 | (DR-822613) | | NUT, lock, booster coil armature | 1 | |
| | G103-0501772 | 06-19 | A193737 (DR-1861998) | A193737 | SCREW, booster coil armature | 1 | |
| | G163-0139400 | 06-19 | C90445 (DR-1115482) | C90445 | COIL, booster, assembly (optional with Eclipse COIL, G128-7091712 and Auto-Lite COIL, G104-0500760) | 1 | |
| H-1 | H001-1030593 | | 100769 (CWR-200956) | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NF-2 x 1⅛ (BCOX1.1AM) | 2 | |
| H-1 | H001-1518005 | | 106497 (CWR-202794) | | WASHER, lock, reg., S., No. 10 (BECX1E) | 2 | |
| | G103-1539674 | 06-19 | (DR-1889779) | | COIL, booster, w/CONTACT | 1 | |
| | G104-1539850 | 06-19 | (DR-1877700) | | CONDENSER, booster coil, w/LEAD | 1 | |
| | G057-0314856 | 06-19 | (DR-817363) | | NUT, booster coil condenser | 1 | |
| | 2580-1904234 | 06-19 | (DR-1904234) | | SCREW, booster coil condenser lead | 1 | |
| H-1 | H001-7025591 | 06-19 | 121841 | | WASHER, lock, reg., S., cd.-pltd., No. 8 (BECX1D-1) | 2 | |
| | G103-1540003 | 06-19 | (DR-1889791) | | CONTACT, high tension, booster coil, assembly | 1 | |
| | G103-1540055 | 06-19 | (DR-1889797) | | COUPLING, conduit to booster coil | 2 | |
| | G103-1540054 | 06-19 | (DR-1889795) | | NUT, lock, booster coil coupling | 2 | |
| | G103-1593690 | 06-19 | A215234 (DR-1884040) | A215234 | GASKET, booster coil, high and low tension leads (rubber) | 2 | |
| | G103-1714487 | 06-19 | (DR-1889420) | | NUT, booster coil, high tension terminal | 1 | |
| | G103-1714488 | 06-19 | (DR-1889900) | | NUT, booster coil, low tension terminal | 1 | |
| | G103-1740598 | 06-19 | (DR-1889796) | | PLUG, inspection, booster coil low tension terminal (¾-24) | 1 | |
| H-1 | H001-5148811 | 06-19 | 132892 | | SCREW, mach., rd-hd., S., cd-pltd., No. 10 (.190)-32NF-2 x ¼ (booster coil primary lead) (BCOX11AB-1) | 1 | |
| H-1 | H001-5148871 | | 132915 (CWR-202794) | | SCREW, mach., rd-hd., S., cd-pltd., No. 10 (.190)-32NF-2 x ¾ (booster coil) (BCOX1.1AH-1) | 2 | |
| H-1 | H001-5147511 | | 100749 (DR-122159) | | SCREW, mach., rd-hd., S., cd-pltd., No. 8 (.164)-32NC-2 x ¼ (grounding, booster coil) (BCNX1FC-1) | 1 | |
| | G103-1784803 | 06-19 | (DR-1889793) | | SHIELD, booster coil, high tension half | 1 | |
| | G103-1784804 | 06-19 | (DR-1889794) | | SHIELD, booster coil, low tension half | 1 | |
| | G104-3067024 | 06-19 | (DR-1901432) | | SCREW, high and low tension booster coil shield | 4 | |
| H-1 | H001-7025591 | | 121841 | | WASHER, lock, reg., S., cd-pltd., No. 8 (BECX1D-1) | 4 | |

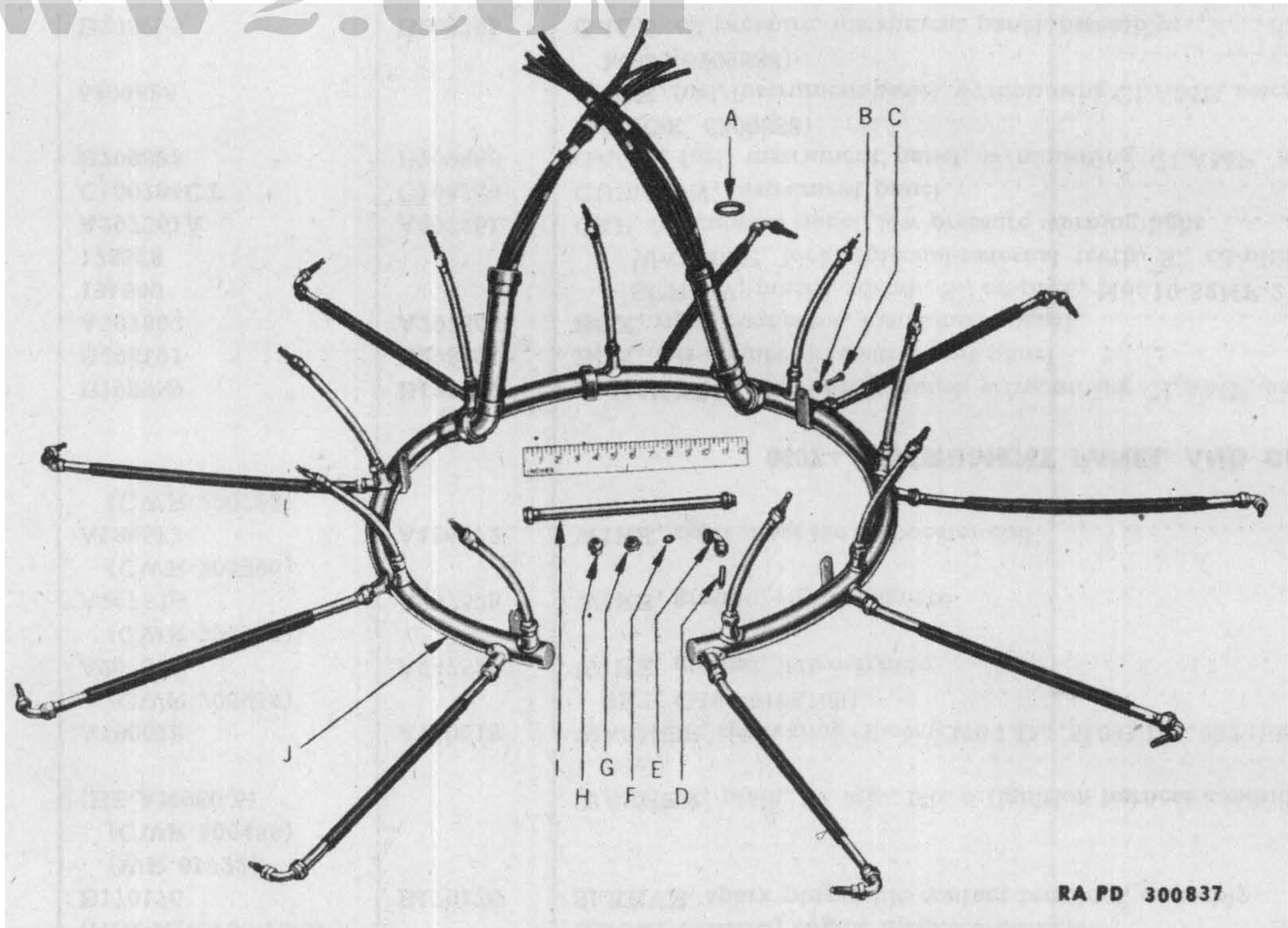
| | | | | | | |
|---|---|---|---|---|---|---|
| | | | (DR-1904206) | | SPACER, booster coil low tension coupling (cork, 5/32, 1¼ sq.) | 1 |
| H-1 | H001-7025621 | 06-19 | 120217 | | WASHER, lock, reg., S., cd. pltd., No. 10 (booster coil primary lead) (BECX1E-1) | 1 |
| | | | | | **0605—IGNITION WIRING** | |
| | | 06-26 | (CWR-203391AB) | | CONDUIT, engine instrument harness, carburetor degasser | 1 |
| | | 06-26 | (CWR-203391AE) | | CONDUIT, engine instrument harness, engine governor | 1 |
| | | 06-26 | (CWR-203391AD) | | CONDUIT, engine instrument harness, oil pressure sending unit | 1 |
| | | 06-26 | (CWR-203391AC) | | CONDUIT, engine instrument harness, oil pressure sending unit | 1 |
| | | 06-26 | (CWR-201867) | | CONDUIT, engine, left to right magneto | 1 |
| | 2220-202828 | 06-26 | C96716AQ (CWR-202828) | C96716 | CONDUIT, high tension, ignition harness, assembly | 1 |
| | 2220-202825 | | (PC-5279773) (CWR-202825) | | CONDUIT, idler cut-off, ignition harness, assembly (C1 only) | 1 |
| | | 06-20 | (BZ-E-1199-57-1400) | | CONDUIT, ignition harness, manifold to front plug, assembly (cylinder No's. 1, 2, 3, 8 and 9) (C1 only) | 5 |
| | | 06-20 | (BZ-E-1134-11-10) | | CONDUIT, ignition harness, manifold to front plug, assembly (cylinder No's. 4, 5, 6 and 7) (C1 only) | 4 |
| | | 06-20 | (BZ-E-1199-58-0700) | | CONDUIT, ignition harness, manifold to left magneto, assembly (C1 only) | 1 |
| | | 06-20 | (BZ-E-1199-36-0806) | | CONDUIT, ignition harness, manifold to rear plug, assembly (cylinder No. 6) (C1 only) | 1 |
| | | 06-20 | (BZ-E-1199-36-0414) | | CONDUIT, ignition harness, manifold to rear plug, assembly (cylinder No's. 1, 2, 3, 4, 5, 7, 8 and 9) (C1 only) | 8 |
| | | 06-20 | (BZ-E-1199-58-06100) | | CONDUIT, ignition harness, manifold to right magneto (C1 only) | 1 |
| | G104-2579006 | 06-26 | C96716AR (CWR-202829) | C96716 | CONDUIT, low tension, ignition harness, assembly (used with MAGNETO, G104-1687254) (C1 only) | 1 |
| | 2220-202830 | | (PC-5279768) (CWR-202830) | | CONDUIT, magneto to rear terminal box (C1 only) | 1 |
| | G163-0340671 | | A165225D (CWR-200848) | A165225 | CONTACT, spark plug shield terminal (superseded by CONTACT, G104-7007247) (C1 only) | 18 |
| | G104-7007247 | 06-21 | 7007247 (CWR-202325) | | CONTACT spark plug shield terminal (supersedes CONTACT, G163-0340671) | 18 |
| | G104-0504515 | 06-20,21 | C74452A (CWR-201326) | C74452 | ELBOW, spark plug shield terminal | 18 |
| | G104-0100710 | 01-13 | A165108 (AIR-AN-4027-1) (CWR-200155) | A165108 | GASKET, spark plug (furnished with plug) | 18 |
| | | 06-26 | C136181 (CWR-203391) | C136181 | HARNESS, engine instruments, assembly | 1 |
| | 2220-203390 | | C136180 (CWR-203390) | C136180 | HARNESS, engine magneto, assembly | 1 |
| | G104-6242419 | 06-26 | B242419 (CWR-203393) | B242419 | HARNESS, extension, magneto wiring, assembly | 1 |
| | G163-7005792 | 01-2, 06-6, 21 | 7005792 (CWR-203295) | | HARNESS, ignition, assembly (BREEZE) (optional with HARNESS, G104-0501418) (C4 only) | 1 |
| | G163-7006987 | 01-11, 06-21 | 7006987 (CWR-203297) | | SCREW, ignition cable manifold to crankcase (C4 only) | 4 |
| | G054-0442638 | 01-11, 06-21 | (AIR-AN-935-516) | | WASHER, lock, reg., S., cd-pltd., 5/16 (C4 only) | 4 |
| | G104-0501415 | | E2153N (CWR-200717) | E2153 | HARNESS, ignition, assembly (BREEZE) (optional with HARNESS, G104-0501418) (C1 only) | 1 |
| | G104-0501418 | | E2658N (CWR-201325) | E2658 | HARNESS, ignition, assembly (TITEFLEX) (optional with HARNESS, G104-0501415) | 1 |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | ELBOW | CWR-201326 | 0605 |
| B | CONDUIT | BZ-E-1199-36-0414 | 0605 |
| C | CONDUIT | BZ-E-1199-57-1400 | 0605 |
| D | CONDUIT | BZ-E-1199-58-0700 | 0605 |
| E | CONDUIT | BZ-E-1199-36-0806 | 0605 |
| F | CONDUIT | BZ-E-1134-11-10 | 0605 |
| G | WASHER | BZ-AN-960-6 | 0605 |
| H | CONDUIT | BZ-E-1199-58-0610 | 0605 |

RA PD 318400C

FIGURE 06-20 — IGNITION HARNESS ASSEMBLY, CWR-200717 (C1)




## FIGURE 06-21 — IGNITION HARNESS ASSEMBLY, CWR-203295 (C4)

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PACKING | B193375 | 0605 |
| B | WASHER | AIR-AN-935-516 | 0605 |
| C | SCREW | 7006987 | 0605 |
| D | CONTACT | 7007247 | 0605 |
| E | ELBOW | C74452A | 0605 |
| F | WASHER | A190618 | 0605 |
| G | NUT (furnished only as part of HARNESS ass'y, 7005792) | | 0605 |
| H | NIPPLE (furnished only as part of HARNESS ass'y, 7005792) | | 0605 |
| I | CONDUIT (furnished only as part of HARNESS ass'y, 7005792) | | 0605 |
| J | HARNESS, ass'y | 7005792 | 0605 |

RA PD 300837A

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-2719990 | | C100269 | C100269 | HARNESS, ignition, assembly (C1 only) | 1 | |
| | G163-7006805 | 01-13 | 7006805 (CWR-201576) | | INSERT, spark plug, cylinder (C4 only) | 18 | |
| | G163-7006812 | 01-13 | 7006812 (CWR-201730) | | PIN, spark plug insert to cylinder (br., stgt., .123 x .28 long) (C4 only) | 36 | |
| | G104-0101340 | | A165062 (CWR-200106) | A165062 | NUT, slotted, ignition cable manifold to main crankcase section stud (alloy-S., cd-pltd., 5/16-24NF-3) (C1 only) | 4 | |
| | G104-0100642 | 06-21 | B193375 (CWR-200999) | B193375 | PACKING, ignition wire conduit | 4 | |
| | G104-1740556 | | A193557 (CP-63S) (CWR-201960) | A193557 | PLUG, spark, assembly (superseded by PLUG, H004-0501006) | 18 | |
| H-4 | H004-0501006 | 01-6,13 | A193557 (CP-63S) (CWR-203559) | A193557 | PLUG, spark, assembly (supersedes PLUG, G104-1740556) | 18 | |
| | | 06-26 | (AIR-AN3100-22-5P) | | RECEPTACLE, engine instrument harness | 1 | |
| | | 06-26 | (AIR-AN3106-18-5P) | | RECEPTACLE, engine magneto harness | 1 | |
| | G104-0100420 | | B170176 (WR-61722) (CWR-200488) | B170176 | SLEEVE, spark plug cable contact terminal, assembly (C1 only) | 18 | |
| | A054-0442628 | 06-20 | (BZ-AN960-6) | | WASHER, plain, S., reg., No. 6 (ignition harness conduit to engine) (rubber and steel) (C1 only) | 14 | |
| | G104-0103274 | 06-21 | A190618 (CWR-200954) | A190618 | WASHER, spark plug elbow (.390 I.D., .510 O.D., .032 thk.) (also part of GASKET SET, G104-0100708) | 18 | |
| | G104-1847806 | | A247529 (CWR-201997) | A247529 | WIRE, ground, left magneto (C1 only) | 1 | |
| | G104-1847804 | | A247528 (CWR-201996) | A247528 | WIRE, ground, right magneto (C1 only) | 1 | |
| | G104-0100290 | | A186572 (CWR-200725) | A186572 | WIRE, right magneto to booster coil (C1 only) | 1 | |
| | | | | | **0607—INSTRUMENT PANEL AND CARRIER** | | |
| | M003-6199959 | 06-22,23 | B199959 | B199959 | AMMETER, instrument panel, w/mounting CLAMP, assembly | 1 | |
| | | 06-23 | B298191 | B298191 | BOX, left connector, instrument panel | 2 | |
| | G104-1788861 | 06-23 | A297802 | A297802 | BOX, right connector, instrument panel | 1 | |
| H-1 | H001-5148821 | | 121540 | | SCREW, mach., rd-hd., S., cd-pltd., No. 10-32NF-2 x 5/16 (BCOX1.1AC-1) | 6 | |
| H-1 | H001-7124621 | | 178378 | | WASHER, lock, internal-external teeth, S., cd-pltd., No. 10 (BEAX8L-1) | 6 | |
| | G104-7005569 | 06-22 | A297261A | A297261 | CAP, instrument panel, low pressure warning light | 1 | |
| | G104-7008958 | | C100784CT | C100784 | CUSHION, instrument panel | 3 | |
| | M003-6209888 | 06-22 | B209888 | B209888 | GAGE, fuel, instrument panel, w/mounting CLAMP, assembly (superseded by GAGE, 6300888) | 1 | |
| | | | 6300888 | | GAGE, fuel, instrument panel, w/mounting CLAMP, assembly (supersedes GAGE, M003-6209888) | 1 | |
| | M003-6208795 | 06-22,23 | B208795 | B208795 | GAGE, oil pressure, instrument panel, assembly | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | M003-6208797 | 06-22,23 | B208797 | B208797 | GAGE, oil temperature, instrument panel, assembly | 1 |
| | G104-2688463 | | A345792B | A345792 | GASKET, instrument panel, ammeter (1), fuel gage (1), oil pressure gage (1) and oil temperature gage (1) | 4 |
| | G183-5381610 | | A381610 | A381610 | INSULATOR, instrument panel ammeter terminal | 1 |
| | | | A345749C | A345749 | INSULATOR, instrument panel fuel gage terminal | 1 |
| | G212-7008940 | | A345749D | A345749 | INSULATOR, instrument panel oil pressure gage terminal | 1 |
| | G104-1842450 | | A345749 | A345749 | INSULATOR, instrument panel oil temperature gage terminal | 1 |
| | G104-2970298 | 06-22,23,24, 25 | 7070077 D75620 | D75620 | PANEL, instrument, w/INSTRUMENTS and SWITCHES, assembly | 1 |
| H-1 | H001-1013243 | | 215956 | | SCREW, cap, hex-hd., S., 3/8-24NF-2 x 3/4 (BCBX1CA) | 6 |
| H-1 | H001-7025741 | | 120382 | | WASHER, lock, reg., S., cd-pltd., 3/8 (BECX1K-1) | 6 |
| | | 06-22 | D77956L | D77956 | PLATE, caution, instrument panel (to start engine) | 1 |
| | | 06-22 | D77956M | D77956 | PLATE, caution, instrument panel (to stop engine) | 1 |
| | G104-1531595 | 06-22 | A298394 | A298394 | PLUG, button, instrument panel lamp | 3 |
| | G163-0340750 | 06-22,23,24, 25 | A348366 | A348366 | PLUG, outlet socket, instrument panel, assembly | 1 |
| | | | B298179 | B298179 | SUPPORT, instrument panel, center, assembly (Includes: BODY, CUSHION, SCREWS and WASHERS) | 1 |
| H-1 | H001-4027501 | | 218584 | | NUT, reg., hex., s-fin., cd-pltd., ¼-28NF-2 (BBBX1A-1) | 1 |
| | | | BCBX1AE-1 | BCBX1 | SCREW, cap, hex-hd., S., cd-pltd., ¼-28NF-2 x 1½ | 1 |
| H-1 | H001-7021741 | | 120423 | | WASHER, lock, internal teeth, reg., S., cd-pltd., ¼ (BEAX1H-1) | 1 |
| | G127-0443023 | | A312530 | A312530 | WASHER, snubbing, instrument panel center support | 2 |
| | G104-1525898 | | B206582 | B206582 | SUPPORT, instrument panel ends, assembly (Includes: BODY, CUSHION, SCREWS and WASHERS) | 2 |
| H-1 | H001-4027501 | | 218584 | | NUT, reg., hex., s-fin., S., cd-pltd., ¼-28NF-2 (BBBX1A-1) | 2 |
| H-1 | H001-7021741 | | 120423 | | WASHER, lock, internal teeth, reg., S., cd-pltd., ¼ (BEAX1H-1) | 2 |
| | G127-0443023 | | A312530 | A312530 | WASHER, snubbing, instrument panel right and left support | 4 |
| | G104-5416569 | | A416569 | A416569 | WAFER, terminal, engine oil temperature (1), fuel gage (1), oil pressure gage (1) | 3 |
| | G104-2443098 | | A328490 | A328490 | WASHER, snubbing, instrument panel support cushion | 6 |

## 0608—SWITCHES, BREAKERS AND TERMINAL BOXES

| | | | | | | |
|---|---|---|---|---|---|---|
| | G210-6298139 | 06-27 | B298139 | B298139 | BAR, terminal, master terminal box | 1 |
| | G104-0500179 | 06-27 | A187404 | A187404 | BLOCK, terminal, master terminal box | 1 |
| | G183-5246193 | | A246193 | A246193 | BLOCK, terminal, turret control box | 2 |
| H-1 | H101-0115996 | | 115996 | | NUT, mach-screw., hex., S., No. 4 (.112)-40NC-3 | 8 |
| H-1 | H101-0132654 | | 132654 | | SCREW, mach., rd-hd., S., parkerized, No. 4 (.112)-40NC-2 x ⅝ (BCNX1CH-5) | 8 |
| H-1 | H101-0138524 | | 138524 | | WASHER, lock, internal teeth, S., No. 4 | 8 |
| | | | 7012630 | | BOX, bulkhead terminal | 1 |
| | | 19-10 | 7007926 | | BOX, control, turret, assembly | 1 |
| H-1 | H001-1030671 | | 142344 | | SCREW, mach., rd-hd., S., ¼-28NF-2 x ⅜ (BCOX1.1CD) | 6 |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., ¼ (BECX1G) | 6 |
| | | 06-24,25 | C152911 | C152911 | BOX, master switch, assembly | 1 |
| | | 06-24,27 | C152907H | C152907 | BOX, master terminal, assembly | 1 |
| | | | BCBX5E-1 | BCBX5 | SCREW, cap, hex-hd., S., cd-pltd., ⅜-24NF-2 x ½ | 4 |
| H-1 | H001-7124741 | | 178551 | | WASHER, lock, internal-external teeth, reg., S., cd-pltd., ⅜ x .985 (BEAX8AF-1) | 8 |
| H-4 | H004-0500332 | 06-24 | C100443 | C100443 | BOX, radio terminal, driver's compartment bulkhead (1), rear hull (1) | 2 |
| H-1 | H101-0173355 | | 173355 | | SCREW, mach., rd-hd., S., cd-pltd., ¼-28NF-2 x 5/16 (BCOX1.1CC-1) | 8 |
| H-1 | H001-5150421 | | 191307 | | SCREW, mach., rd-hd., S., cd-pltd., ¼-28NF-2 x 7/16 (BCOX1.1CE-1) | 4 |
| H-1 | H001-7124701 | | 174916 | | WASHER, lock, internal-external teeth, reg., S., cd-pltd., ¼ x .760 (BEAX-8W-1) | 12 |

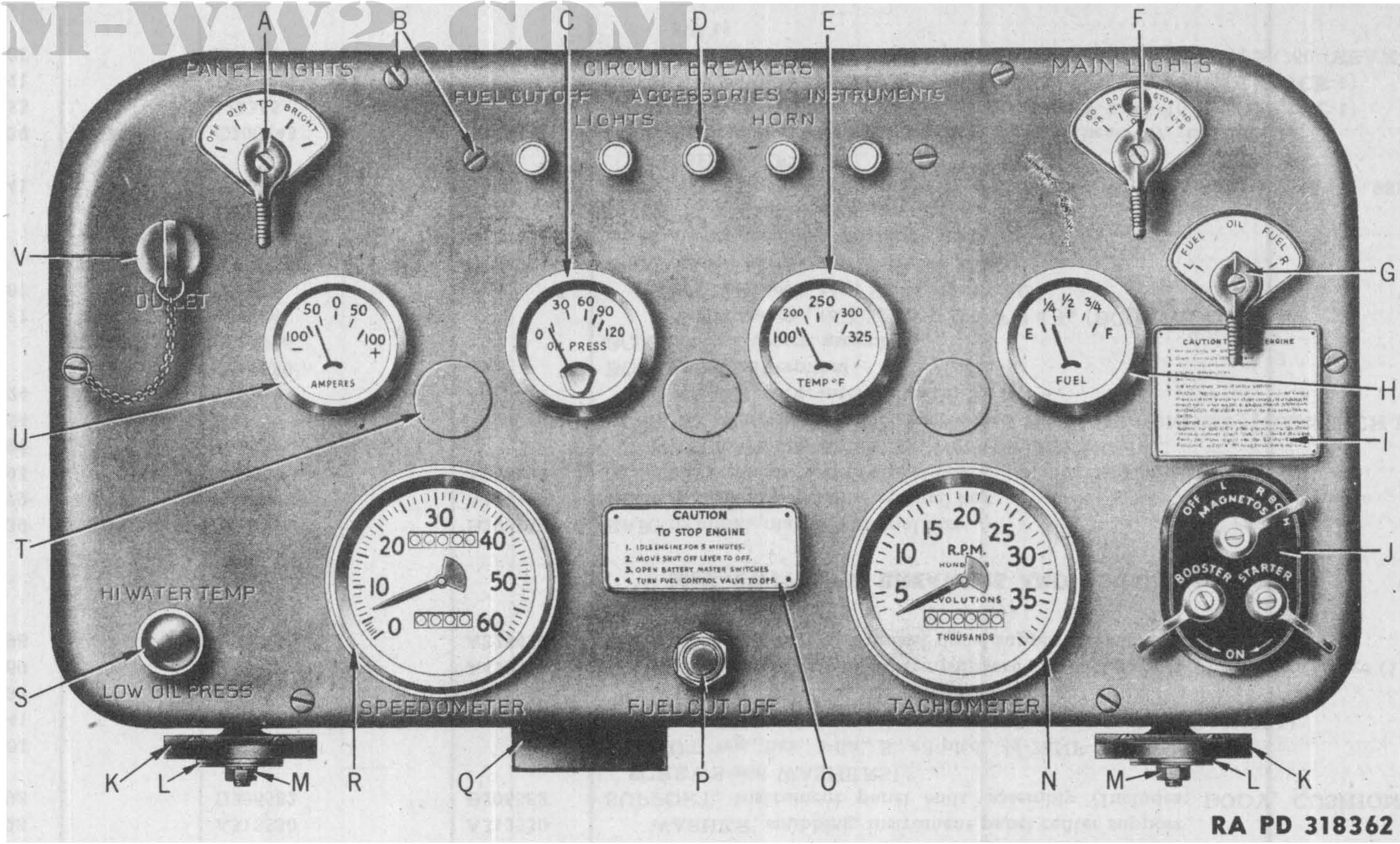



**FIGURE 06-22 — INSTRUMENT PANEL ASSEMBLY, D75620 — FRONT VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SWITCH, ass'y | C102763 | 0608 |
| B | SCREW | 100766 | 0607 |
| C | GAGE | B208795 | 0607 |
| D | BREAKER | B199968N | 0608 |
| E | GAGE | B208797 | 0607 |
| F | SWITCH, ass'y | C136186 | 0608 |
| G | SWITCH, ass'y | C102762 | 0608 |
| H | GAGE | B209888 | 0607 |
| I | PLATE | D77956L | 0607 |
| J | SWITCH, ass'y | C96604 | 0608 |
| K | SUPPORT | B206582 | 0607 |
| L | WASHER | 120423 | 0607 |
| M | NUT | 218584 | 0607 |
| N | TACHOMETER, ass'y | 6208456 | 2208.2 |
| O | PLATE | D77956M | 0607 |
| P | SWITCH | A298391 | 0608 |
| Q | SUPPORT | B298179 | 0607 |
| R | SPEEDOMETER | 6208454 | 2208.1 |
| S | CAP | A297261 | 0607 |
| T | PLUG | A298394 | 0607 |
| U | AMMETER, ass'y | B199959 | 0607 |
| V | PLUG | A348366 | 0607 |

RA PD 318362E

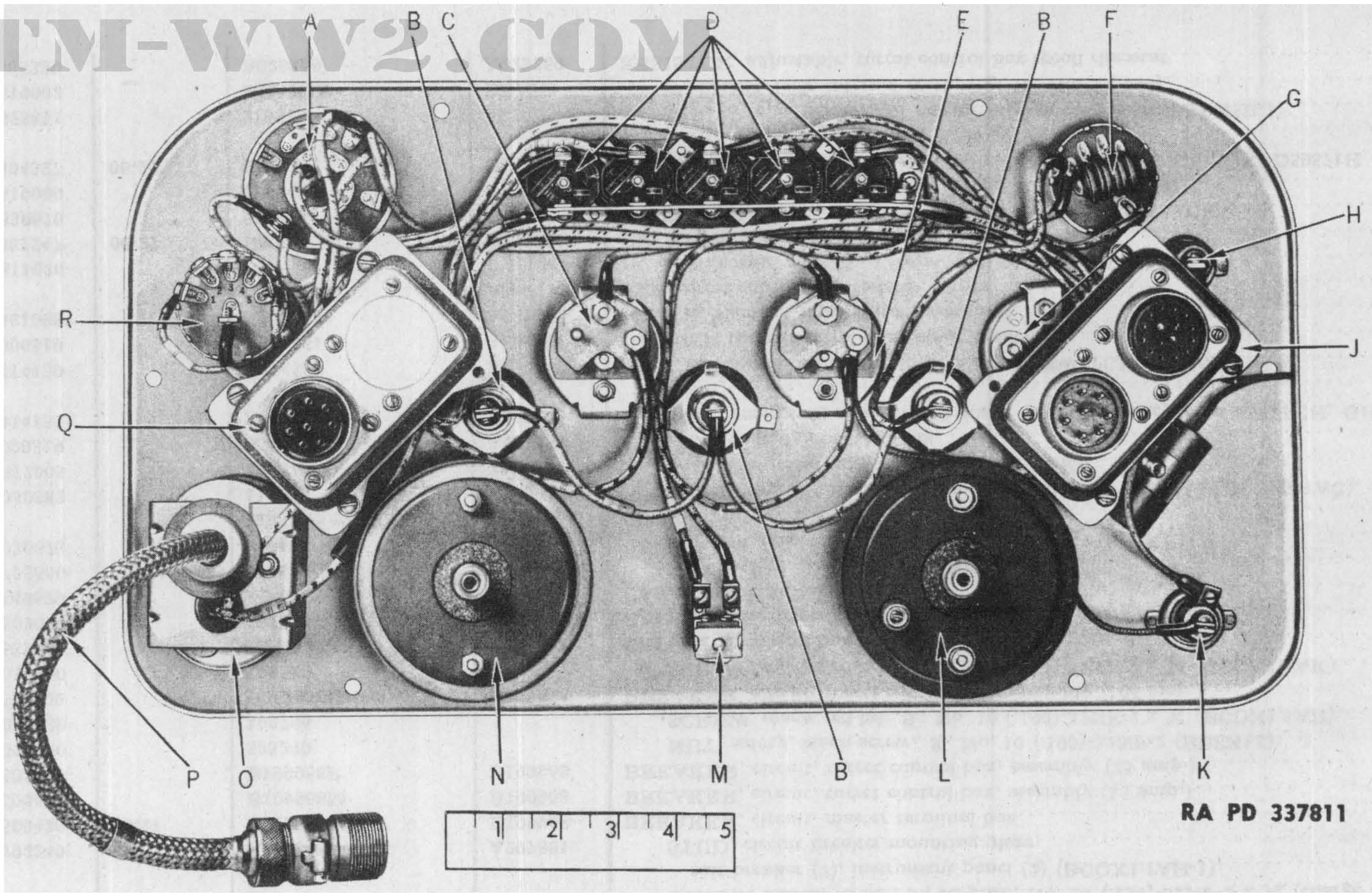



**FIGURE 06-23 — INSTRUMENT PANEL ASSEMBLY, D75620 — REAR VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SWITCH, ass'y | C136186 | 0608 |
| B | SOCKET, ass'y | A297802 | 0613.1 |
| C | GAGE, ass'y | B208797 | 0607 |
| D | BREAKER, ass'y | B199968N | 0608 |
| E | GAGE, ass'y | B208795 | 0607 |
| F | SWITCH, ass'y | C102763 | 0608 |
| G | AMMETER, ass'y | B199959 | 0607 |
| H | PLUG | A348366 | 0607 |
| J | BOX | B298191 | 0607 |
| K | SWITCH | A34865T | 0608 |
| L | SPEEDOMETER, ass'y | 6208454 | 2208.1 |
| M | SWITCH | A298391 | 0608 |
| N | TACHOMETER, ass'y | 6208456 | 2208.2 |
| O | SWITCH, ass'y | C96604 | 0608 |
| P | HARNESS, ass'y (furnished only as part of PANEL ass'y, D75620) | | 0607 |
| Q | BOX, ass'y | B298191 | 0607 |
| R | SWITCH, ass'y | C102762 | 0608 |

RA PD 337811C

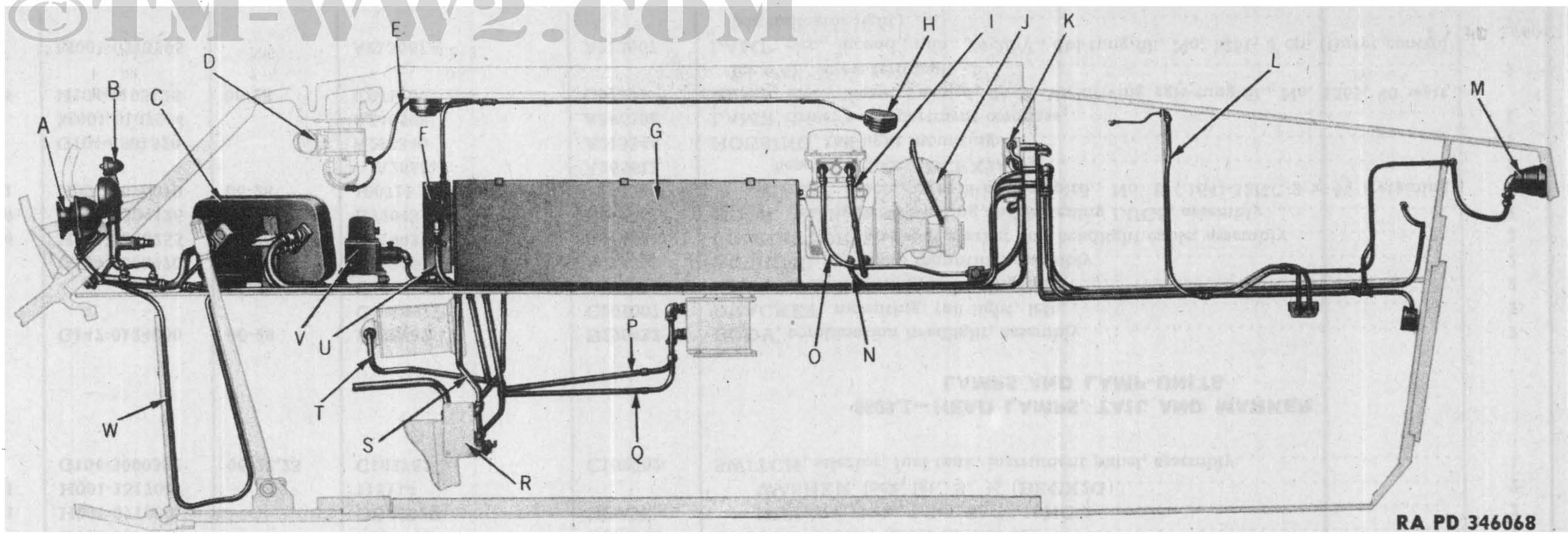
# GROUP 06 — ELECTRICAL

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | B337924 | B337924 | BRACKET, turret control box resistor | 1 | |
| | G104-1793699 | 06-22,23 | B199968N | B199968 | BREAKER, circuit (used as follows: fuel cut-off (1), lights (1), accessories (1), horn (1), instruments (1) | 5 | |
| | G134-0125906 | 06-27 | B243858E | B243858 | BREAKER, circuit, charge circuit, master terminal box | 1 | |
| H-1 | H001-4035581 | | 503250 | | NUT, safety, m-screw, S., cd-pltd., No. 10 (.190)-32NF-2 (BBSX1Z-1) | 2 | |
| H-1 | H001-1030590 | | 100767 | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NC-2 x ⅞ (BCOX1.1AK) | 2 | |
| | G104-2553050 | | B296303 | B296303 | BREAKER, circuit, instrument panel, w/PLATE, assembly (Includes: BAR, NUTS, SCREWS and WASHERS) | 1 | |
| H-1 | H001-4035581 | | 503250 | | NUT, safety, m-screw, S., cd-pltd., No. 10 (.190)-32NF-2 (BBSX1Z-1) | 2 | |
| H-1 | H001-1023101 | | 110533 | | SCREW, mach., fl-hd., S., No. 10 (.190)-24NC-2 x ¾ (BCKX2AG) | 10 | |
| H-1 | H001-5148871 | | 132915 | | SCREW, mach., rd-hd., S., cd-pltd., No. 10 (.190)-32NF-2 x ¾ (charge circuit breaker (2), instrument panel (2) (BCOX1.1AH-1) | 4 | |
| | G104-1792249 | | A297801 | A297801 | STUD, circuit breaker mounting plate | 2 | |
| | G104-0500426 | 06-27 | B199968M | B199968 | BREAKER, circuit, master terminal box | 1 | |
| | G104-0500426 | | B199968M | B199968 | BREAKER, circuit, turret control box, assembly (15 amp.) | 2 | |
| | G104-0500406 | | B199968P | B199968 | BREAKER, circuit, turret control box, assembly (25 amp.) | 1 | |
| H-1 | H001-0725440 | | 503249 | | NUT, safety, mach-screw., S., No. 10 (.190)-32NF-2 (BBSX1Z) | 6 | |
| H-1 | H001-1030589 | | 100766 | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NF-2 x ¾ (BCOX1.1AH) | 6 | |
| | G104-1592600 | | B243858K | B243858 | BREAKER, circuit, turret control box, assembly (105 amp.) | 1 | |
| H-1 | H001-1030590 | | 100767 | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NF-2 x ⅞ (BCOX1.1AK) | 2 | |
| | G104-1531583 | | A246182A | A246182 | CAP, turret control box indicator light | 2 | |
| H-4 | H004-0502028 | | 502028 | | CAPACITOR, driver's compartment | 2 | |
| | G183-5349629 | | A349629 | A349629 | CAPACITOR, turret control box | 1 | |
| H-1 | H001-0725640 | | 503338 | | NUT, safety, S., ¼-28NF-3 (BBSX4AA) | 1 | |
| H-1 | H001-1030673 | | 149495 | | SCREW, mach., rd-hd., S., ¼-28NF-2 x ½ (BCOX1.1CF) | 1 | |
| | | | B300845 | B300845 | COVER, turret control box | 1 | |
| H-1 | H001-1030582 | | 112872 | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NF-2 x 5/16 (BCOX1.1AC) | 8 | |
| H-1 | H001-1517005 | | 118873 | | WASHER, lock, lgt., S., No. 10 (BECX2E) | 8 | |
| | G402-7000319 | | A281151 | A281151 | GASKET, charge circuit breaker | 1 | |
| | G104-5414135 | | A414135 | A414135 | GASKET, emergency stop switch (used with emergency stop SWITCH, G104-5381601) | 1 | |
| | G104-5414139 | | A414139 | A414139 | GASKET, master switch (used with master SWITCH, B193697) | 1 | |
| | G402-7000319 | | A281151 | A281151 | GASKET, turret control box circuit breaker | 1 | |
| | G183-5381088 | | A381088 | A381088 | LEVER, blackout light switch, assembly | 1 | |
| | | | A349210B | A349210 | PIN, turret control box resistor, upper | 1 | |
| H-1 | H001-0811026 | | 107761 | | PIN, cotter, split, S., 1/16 x ⅝ (BFAX1BD) | 3 | |
| | G104-2367247 | 06-27 | B209352 | B209352 | RECEPTACLE, master terminal box | 1 | |
| H-1 | H001-1030676 | | 214413 | | SCREW, mach., rd-hd., S., ¼-28NF-2 x ⅞ (BCOX1.1CK) | 4 | |
| H-1 | H001-1519009 | | 115547 | | WASHER, lock, internal teeth, reg., S., ¼ (BEAX1H) | 4 | |
| | G104-0504327 | 06-27 | B183391 | B183391 | RELAY, cranking motor, assembly (used with master switch BOX, D59571H (1) and with instrument PANEL, G104-2970298 (1) | 2 | |
| H-1 | H001-5025811 | | 213875 | | SCREW, cap, hex-hd., S., cd-pltd., ¼-28NF-2 x ½ (BCBX5B-1) | 5 | |
| H-1 | H001-1519002 | | BEAX1B | BEAX1 | WASHER, lock, internal teeth, reg., S., No. 3 (.099) | 5 | |
| | G104-0305389 | | A223269 | A223269 | RESISTOR, adjustable, turret control box recoil rheostat | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0305388 | | A223271 | A223271 | RESISTOR, adjustable, turret control box stiffness rheostat | 1 |
| | G104-2549061 | 06-25 | C100632 | C100632 | RESISTOR, blackout driving light, assembly | 1 |
| H-1 | H101-0173355 | | 173355 | | SCREW, mach., rd-hd., S., cd-pltd., ¼-28NF-2 x 5/16 (BCOX1.1CC-1) | 4 |
| H-1 | H001-7021741 | | 120423 | | WASHER, lock, internal teeth, reg., S., cd-pltd., ¼ (BEAX1H-1) | 4 |
| | | | A412930 | A412930 | RESISTOR, turret control box buss bar connecting wire | 1 |
| | G402-6337925 | | B337925 | B337925 | RESISTOR, turret control box, assembly (Includes: BRACKET, PINS, SCREWS, SPRINGS and WASHERS) | 1 |
| H-1 | H001-0725440 | | 503249 | | NUT, safety, mach-screw., S., No. 10 (.190)-32NF-2 (BBSX1Z) | 2 |
| H-1 | H001-1030582 | | 112872 | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NF-2 x 5/16 (BCOX1.1AC) | 2 |
| | G402-5223272 | | A223272A | A223272 | RHEOSTAT, turret control box recoil, w/KNOB, assembly (10 ohms, 25 watts) | 1 |
| | G402-7035012 | | A223272B | A223272 | RHEOSTAT, turret control box stiffness, w/KNOB, assembly (10 ohms, 25 watts) | 1 |
| | | | A349209 | A349209 | SCREW, retaining, turret control box resistor | 3 |
| | G104-1785075 | 06-27 | 6208455 | | SHUNT, master terminal box | 1 |
| | | | A349704 | A349704 | SPRING, turret control box resistor | 2 |
| | G163-0393788 | 06-22,23 | C136186 | C136186 | SWITCH, blackout light, assembly | 1 |
| | G104-0504369 | 06-22,23 | C96604 | C96604 | SWITCH, cranking motor and magneto, assembly | 1 |
| | G104-5381601 | 06-22,23 | A381601 | A381601 | SWITCH, emergency stop, assembly (used with bulkhead terminal BOX, 7012630) | 1 |
| | G103-1793650 | 06-22,23 | A298391 | A298391 | SWITCH, fuel cut-off, assembly | 1 |
| | G104-3090303 | 06-22,23 | C102763 | C102763 | SWITCH, instrument panel light, assembly | 1 |
| | G148-0419385 | | A248045 (CWR-202856) | A248045 | SWITCH, low oil pressure, instrument panel | 1 |
| | | 06-27 | B193697 | B193697 | SWITCH, master, master terminal box, assembly | 2 |
| H-1 | H001-0725851 | | 503376 | | NUT, safety, S., ¼-28NF-3 (BBWX1AA) | 2 |
| H-1 | H001-1013213 | | 215912 | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ¾ (BCBX1AA) | 2 |
| | | | B337929 | B337929 | SWITCH, master, turret control box, assembly (Includes: NUTS, PLATE and WASHERS) | 1 |
| | G402-5226862 | | A226862 | A226862 | SWITCH, master, turret control box | 2 |
| H-1 | H001-0725440 | | 503249 | | NUT, safety, mach-screw., S., No. 10 (.190)-32NF-2 (BBSX1Z) | 4 |
| H-1 | H001-1030585 | | 113902 | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NF-2 x 7/16 (BCOX1.1AE) | 4 |
| | G402-6296308 | | B296308 | B296308 | SWITCH, motor, turret control box | 1 |
| H-1 | H001-0718001 | | BBAX2G | BBAX2 | NUT, reg., hex., s-fin., S., ¼-20NC-2 | 2 |
| H-1 | H001-1517007 | | 113114 | | WASHER, lock, lgt., S., ¼ (BECX2G) | 2 |
| | G104-3090302 | 06-22,23 | C102762 | C102762 | SWITCH, selector, fuel tank, instrument panel, assembly | 1 |

## 0609.1—HEAD LAMPS, TAIL AND MARKER LAMPS AND LAMP-UNITS

| | | | | | | |
|---|---|---|---|---|---|---|
| | G147-0124060 | 06-28 | B226432 | B226432 | BODY, combination headlight, assembly | 2 |
| | | | C101007B | C101007 | BRACKET, mounting, tail light, left | 2 |
| | | 06-29 | C101007A | C101007 | BRACKET, mounting, tail light, right | 2 |
| | G104-0500470 | | A213391 | A213391 | BUSHING, tail lamp mounting, assembly | 2 |
| H-4 | H004-0328255 | 06-28 | A214439 | A214439 | CONNECTOR, blackout marker and headlight cable, assembly | 2 |
| H-4 | H004-0504426 | 06-28 | B226431 | B226431 | DOOR, headlight, w/locating and fastening LUGS, assembly | 2 |
| H-1 | H001-1026070 | 06-28 | 100711 A265613 | A265613 | SCREW, mach., oval-fil-hd., cd-pltd., No. 8 (.164)-32NC-2 x ⅜ (retaining headlight door) (BCFX2AD) | 2 |
| | G104-0501520 | | A213346 | A213346 | HOUSING, tail light mounting | 2 |
| | M001-0107264 | | A346508 | A346508 | LAMP, driver's compartment compass | 1 |
| H-4 | H104-0193126 | 06-28 | C97176C | C97176 | LAMP, elec., incand., sealed, 24-28 V., driving sgle-tung-fil., No. 1265, 40 watt (cc 6 fil., screw terminal) | 2 |
| | M001-0213295 | | A213667A | A213667 | LAMP, elec., incand., min., 24-28 V., dbl-tung-fil., No. 1251, 3 cp. (turret control box indicator light) | 2 |






# FIGURE 06-24 — HULL ELECTRICAL INSTALLATION — SIDE VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | HORN, ass'y | C101041C | 0611 |
| B | LIGHT, ass'y | D59636A | 0609.1 |
| C | PANEL, ass'y | D75620 | 0607 |
| D | FAN, ass'y | 7068160 | 0616 |
| E | HARNESS | D80460 | 0613.1 |
| F | BOX, ass'y | C152907H | 0608 |
| G | BOX, ass'y | D82112 | 0612 |
| H | LIGHT, ass'y | 7067074 | 0609.2 |
| I | HARNESS | C136171 | 0613.1 |
| J | GENERATOR, ass'y | D80491 | 2900 |
| K | BOX, ass'y | C152911 | 0608 |
| L | HARNESS | 7055897 | 0613.1 |
| M | LIGHT, ass'y | C95299A | 0609.1 |
| N | HARNESS | C136177 | 0613.1 |
| O | HARNESS | C136173 | 0613.1 |
| P | HARNESS | C136127 | 0613.1 |
| Q | HARNESS | 7055947 | 0613.1 |
| R | BOX, ass'y | C100443 | 0608 |
| S | HARNESS | 7055946 | 0613.1 |
| T | HARNESS | 7067603 | 0613.1 |
| U | HARNESS | C136137 | 0613.1 |
| V | REGULATOR, ass'y | AL-VAD-4106C | 0602.1 |
| W | HARNESS | D80474 | 0613.1 |

RA PD 346068A

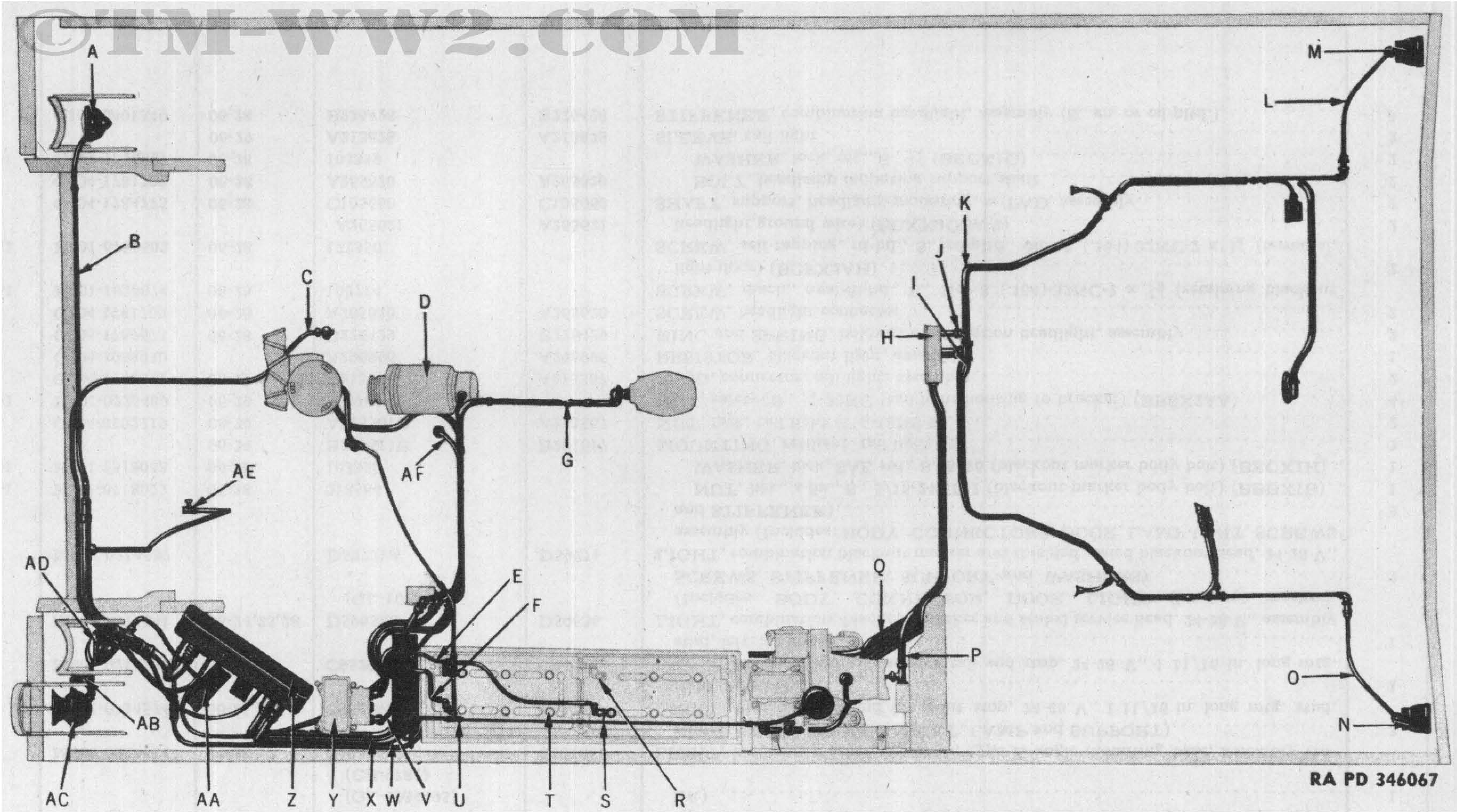


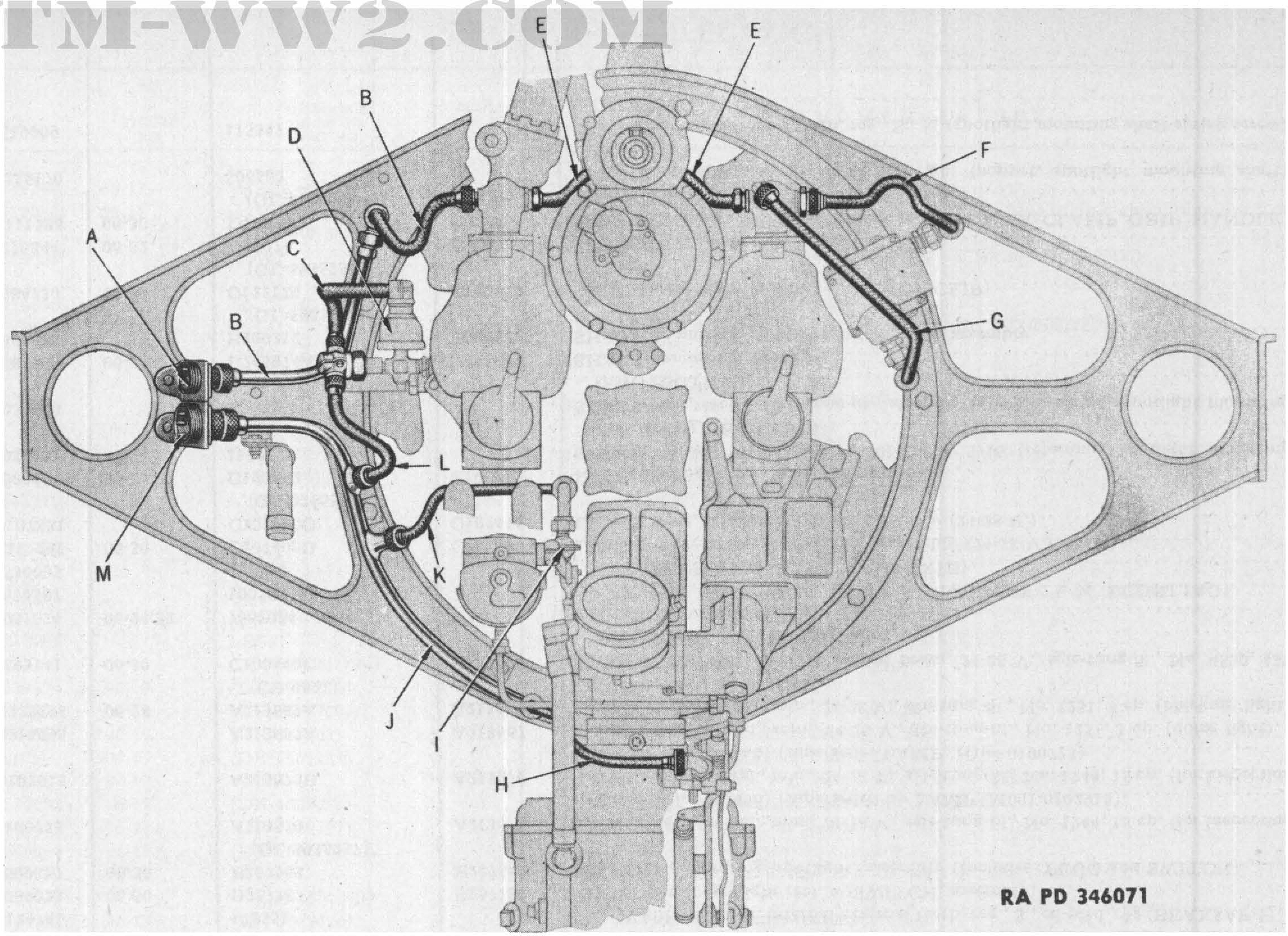

**FIGURE 06-25 — HULL ELECTRICAL INSTALLATION — PLAN VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | LIGHT, ass'y | D59636A | 0609.1 |
| B | HARNESS | D80474 | 0613.1 |
| C | SHAFT | B200041E | 2208.2 |
| D | GENERATOR, ass'y | DR-1904114 | 0601.5 |
| E | CABLE | A384684 | 0612 |
| F | CABLE | A384682 | 0612 |
| G | HARNESS | C136127 | 0613.1 |
| H | BOX, ass'y | C152911 | 0608 |
| I | HARNESS | 7055897 | 0613.1 |
| J | HARNESS | 7055921 | 0613.1 |
| K | HARNESS | 7055909 | 0613.1 |
| L | HARNESS | C136174 | 0613.1 |
| M | LIGHT, ass'y | C95299B | 0609.1 |
| N | LIGHT, ass'y | C95299A | 0609.1 |
| O | HARNESS | C136175 | 0613.1 |
| P | HARNESS | C136173 | 0613.1 |
| Q | HARNESS | C136177 | 0613.1 |
| R | TERMINAL | B145434A | 0613.1 |
| S | TERMINAL | B145434B | 0613.1 |
| T | BATTERY | 500907 | 0612 |
| U | HARNESS | D80460 | 0613.1 |
| V | HARNESS | C136150 | 0613.1 |
| W | HARNESS | C136134 | 0613.1 |
| X | HARNESS | C136140 | 0613.1 |
| Y | REGULATOR, ass'y | AL-VAD-4106C | 0602.1 |
| Z | PANEL, ass'y | D75620 | 0607 |
| AA | RESISTOR, ass'y | C100632 | 0608 |
| AB | HARNESS | C136184 | 0613.1 |
| AC | HORN, ass'y | C101041C | 0611 |
| AD | LIGHT, ass'y | D59636A | 0609.1 |

RA PD 346067A

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | M001-0107347 | 06-28 | C105860 | C105860 | LAMP-UNIT, blackout driving, sealed, shielded, 6-8 V., No. 24055, 15 watt, 10 cp., c-6 fil. (8-32 mach-screw terminal) | 1 | |
| H-4 | H004-0504421 | 06-29 | 504421 (GL-5934499) (CB-9788) | | LAMP-UNIT, blackout stop, sealed, one-opening, 24-28 V., 3 cp., assembly (upper, right) | 1 | |
| H-4 | H004-0504418 | 06-29 | 504418 (CB-9785) (GL-5934498) | | LAMP-UNIT, blackout tail, sealed, 4-opening, 24-28 V., 3 cp., assembly (lower, left and right) | 2 | |
| H-4 | H004-0504415 | | 504415 (GL-5934495) (CB-9782) | | LAMP-UNIT, service tail and stop, sealed, 24-28 V., 32-6 cp., assembly (upper, left) | 1 | |
| | M001-0214514 | 06-28 | C105662A | C105662 | LIGHT, blackout marker, 24-28 V., type E angle mounting base, assembly (Includes: BODY, DOOR, GASKET, LAMP and SUPPORT) | 3 | |
| | M001-0214524 | 06-25,29 | C95299B | C95299 | LIGHT, blackout tail and blackout stop, 24-28 V., 1 11/16 in. long mtg. stud, right, assembly | 1 | |
| | M001-0214535 | 06-24,25 | C95299A | C95299 | LIGHT, blackout tail and service tail and stop, 24-28 V., 1 11/16 in. long mtg. stud, left, assembly | 1 | |
| | M001-0214541 | 06-24,25,28 | D59636A (GL-1020A) | D59636 | LIGHT, combination, blackout marker and sealed service head, 24-28 V., assembly (Includes: BODY, CONNECTOR, DOOR, LIGHT (blackout marker), SCREWS, STIFFENER, SUPPORT and WASHERS) | 2 | |
| | M001-0214537 | | D59771A | D59771 | LIGHT, combination blackout marker and shielded sealed blackout head, 24-28 V., assembly (Includes: BODY, CONNECTORS, DOOR, LAMP-UNIT, SCREWS and STIFFENER) | 2 | |
| H-1 | H001-0718022 | 06-28 | 218564 | | NUT, hex., s-fin., S., 5/16-24NF-2 (blackout marker body bolt) (BBBX1B) | 1 | |
| H-1 | H001-1518008 | 06-28 | 103320 | | WASHER, lock, SAE std., S., 5/16 (blackout marker body bolt) (BECX1H) | 1 | |
| | | 06-29 | B201617B | B201617 | MOUNTING, resilient, tail light | 2 | |
| | G104-0502219 | 06-29 | A213567C | A213567 | NUT, lock, tail light (1 1/16-18NS-2) | 2 | |
| H-1 | H001-0725480 | 06-29 | 503266 | | NUT, safety, S., 1/4-20NC (tail light housing to bracket) (BBSX2AA) | 4 | |
| | G104-1740522 | 06-29 | A213367 | A213367 | PLUG, connector, tail light, assembly | 2 | |
| | G104-3038030 | | A296996 | A296996 | RESISTOR, blackout light, assembly | 1 | |
| | G103-1769673 | 06-28 | B226429 | B226429 | RING and SPRING, holding, combination headlight, assembly | 2 | |
| | G104-1781702 | 06-28 | A265620 | A265620 | SCREW, headlight connector | 2 | |
| H-1 | H001-1026074 | 06-28 | 100714 | | SCREW, mach., oval-fil-hd., S., No. 8 (.164)-32NC-2 x 7/8 (retaining blackout light door) (BCFX2AH) | 2 | |
| H-1 | H001-6762602 | 06-28 | 171350 A265621 | A265621 | SCREW, self-tapping, rd-hd., S., zn-pltd., No. 8 (.164)-32NC-2 x 1/4 (terminal, headlight ground wire) (BCXX3CBA-2) | 2 | |
| | G104-1784775 | 06-28 | C105660 | C105660 | SHAFT, support, headlamp mounting, w/PAD, assembly | 2 | |
| | G104-1781702 | 06-28 | A265620 | A265620 | BOLT, headlamp mounting support shaft | 2 | |
| H-1 | H001-1518007 | 06-28 | 103319 | | WASHER, lock, reg., S., 1/4 (BECX1G) | 2 | |
| | | 06-29 | A213828 | A213828 | SLEEVE, tail light | 2 | |
| | G102-0401349 | 06-28 | B226428 | B226428 | STIFFENER, combination headlight, assembly (S., zn. or cd-pltd.) | 3 | |

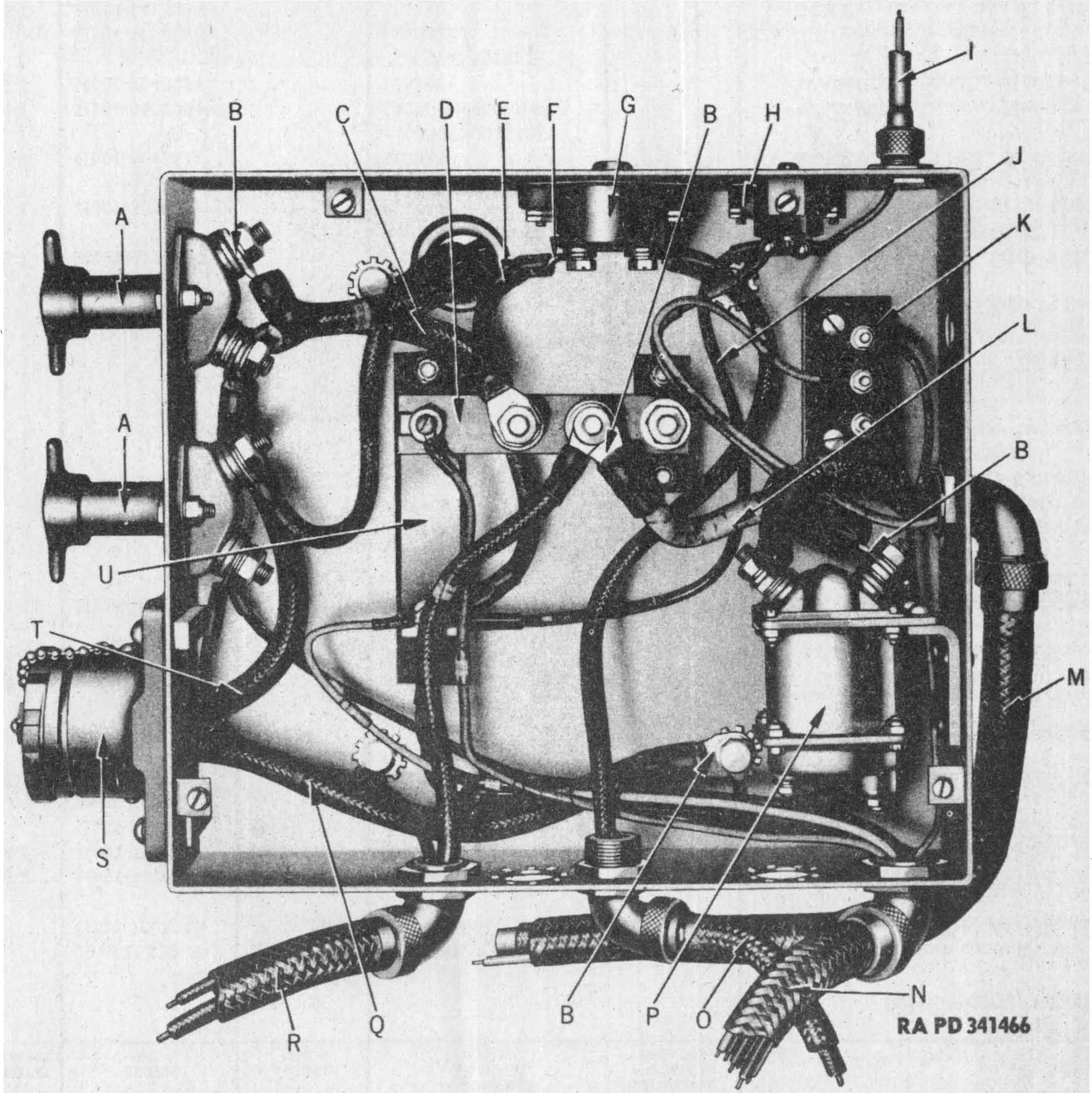
| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-2110473 | 06-30 | C100212C (GL-5935255) | C100212 | ARM, spotlight, assembly | 1 |
| H-2 | H002-0100110 | | 104916 | | BALL, steel, 3/16 in. (spotlight mounting shaft spring) (CCAX1B) | 1 |
| | G103-2137800 | 06-30 | B243956 | B243956 | CLAMP, mounting, spotlight | 1 |
| H-1 | H001-0724002 | 06-30 | 503454 (GL-5935351) | | NUT, wing, S., ¼-20NC-2 (BBPX1B) | 1 |
| H-1 | H001-1013008 | 06-30 | 216991 | | SCREW, cap, hex-hd., ¼-20NC-2 x 1¾ (BCAX1AF) | 1 |
| H-1 | H001-1519009 | | 115547 | | WASHER, lock, internal teeth, reg., S., ¼ (BEAX1H) | 1 |
| | M001-0107447 | | C100412 (GL-5935366) | C100412 | GRIP and REEL, spotlight, assembly | 1 |
| H-1 | H101-0181626 | | 181626 | | SCREW, hex-hd., S., ⅜-24NF-3 x 7/16 | 4 |
| H-1 | H001-7124741 | | 178551 | | WASHER, lock, internal-external teeth, reg., S., cd-pltd., ⅜ (BEAX8AF-1) | 4 |
| | G122-0209023 | 06-30 | B257787 | B257787 | GRIP, pistol, spotlight reel, w/SWITCH, assembly | 1 |
| | G103-1609317 | 06-30 | B207563 (GL-5935257) | B207563 | HANDLE, operating, spotlight, assembly (Includes: PLUG and SWITCH) | 1 |
| H-4 | H104-0190773 | | A213670 | A213670 | LAMP, elec., incand., min., 24-28 V., sgle-tung-fil., No. 1244, 15 cp. (for inspection LAMP No. 213666) (superseded by LAMP, M001-0102915) | 1 |
| | M001-0102915 | | A213670B | A213670 | LAMP, elec., incand., min., 24-28 V., sgle-tung-fil., No. 1244, 15 cp. (for inspection LAMP No. 213666) (supersedes LAMP, H104-0190773) | 1 |
| | M001-0213295 | | A213667A | A213667 | LAMP, elec., incand., min., 24-28 V., dbl-tung-fil., No. 1251, 3 cp. (dome light) | 4 |
| | M001-0213295 | 06-28 | A213667A (CB-9621) | A213667 | LAMP, elec., incand., min., 24-28 V., dbl-tung-fil., No. 1251, 3 cp. (blackout light) | 12 |
| H-4 | H104-0193141 | 06-30 | C100440C | C100440 | LAMP-UNIT, elec., incand., sealed beam, 24-28 V., sgle-tung-fil., No. 4530, 135 watt (approx.), 5½ in. (spotlight) | 1 |
| | G212-7067074 | 06-24,32 | 7067074 | | LIGHT, dome, assembly (hull (2), turret (2) | 4 |
| H-1 | H001-1030587 | | 100765 | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NF-2 x ⅝ (BCOX1.1AG) | 8 |
| H-1 | H001-1530005 | | 103338 | | WASHER, plain, S., No. 10 (BEBX1E) | 8 |
| | M001-0111282 | 06-30 | C107406G | C107406 | LIGHT, spot, w/o LAMP-UNIT, assembly (24-28 V.) | 1 |
| | M001-0107331 | | C107406C (GL-926654) | C107406 | LIGHT, spot, w/LAMP-UNIT, assembly (24-28 V.) | 1 |
| | G104-5600412 | 06-30,32 | C100412 | C100412 | REEL, spotlight, w/CABLE, assembly | 1 |
| H-1 | H001-1030131 | | 113953 | | SCREW, mach., rd-hd., S., ¼-20NC-2 x 5/16 (retaining, spotlight mounting shaft spring) (BCNX2CB) | 1 |
| H-1 | H001-1032003 | | 139327 | | SCREW, set, socket-hd., cone-pt., alloy-S., ¼-20NC-3 x ½ (spotlight mounting shaft) (BCTX2D) | 2 |
| | G103-2384603 | 06-30 | B243974A | B243974 | SHAFT, mounting, spotlight | 1 |
| | G104-2384638 | | B209212 (GL-5935256) | B209212 | SHAFT, mounting, spotlight, w/CLAMP, assembly | 1 |
| | G104-2384730 | 06-30 | C122179 (GL-5935254) | C122179 | SHIELD, spotlight, assembly (Includes: CLIP) | 1 |
| | G160-0276344 | 06-32 | D78079 | D78079 | SPOTLIGHT, assembly | 1 |
| | M001-0111288 | 06-30 | D78070C (GL-929864) | D78070 | SPOTLIGHT and REEL, assembly (Includes: ARM, CLAMP, GRIP, HANDLE, LAMP, REEL, SHAFT and SHIELD) | 1 |
| | M005-0256170 | | 506552 | | SPRING, compression, S., 7/16 free lgh. (poppet, spotlight mounting shaft) (FAAX1B) | 1 |
| H-1 | H001-1519009 | | 115547 | | WASHER, lock, internal teeth, reg., S., ¼ (spotlight mounting shaft spring screw) (BEAX1H) | 2 |




## FIGURE 06-26 — ENGINE IGNITION AND INSTRUMENT WIRING

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | RECEPTACLE | AIR-AN3106-18-5P | 0605 |
| B | HARNESS | CWR-203393 | 0605 |
| C | CONDUIT | CWR-203391AC | 0605 |
| D | UNIT | CWR-203306 | 0106.6 |
| E | CONDUIT, ass'y | CWR-201867 | 0605 |
| F | CONDUIT, ass'y | CWR-202829 | 0605 |
| G | CONDUIT, ass'y | CWR-202828 | 0605 |
| H | CONDUIT, ass'y | CWR-203391AB | 0605 |
| I | UNIT | CWR-202859 | 0106.6 |
| J | HARNESS | CWR-203391 | 0605 |
| K | CONDUIT, ass'y | CWR-203391AE | 0605 |
| L | CONDUIT, ass'y | CWR-203391AD | 0605 |
| M | RECEPTACLE | AIR-AN3100-22-5P | 0605 |

RA PD 346071A




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SWITCH | B193697 | 0608 |
| B | TERMINAL | A328413C | 0613.1 |
| C | HARNESS | C152907C | 0613.1 |
| D | BAR | B298139 | 0608 |
| E | HARNESS | C152907D | 0613.1 |
| F | TERMINAL | A213823T | 0613.1 |
| G | BREAKER | B243858E | 0608 |
| H | BREAKER | B199968M | 0608 |
| I | HARNESS | D80460 | 0613.1 |
| J | HARNESS | C152907F | 0613.1 |
| K | BLOCK | A187404 | 0608 |
| L | HARNESS | C152907E | 0613.1 |
| M | HARNESS | C136137 | 0613.1 |
| N | HARNESS | C136140 | 0613.1 |
| O | HARNESS | C136150 | 0613.1 |
| P | RELAY | B183391 | 0608 |
| Q | HARNESS | C152907A | 0613.1 |
| R | HARNESS | 7055946 | 0613.1 |
| S | RECEP-TACLE | B209352 | 0608 |
| T | HARNESS | C152907B | 0613.1 |
| U | SHUNT | 6208455 | 0608 |

RA PD 341466A

**FIGURE 06-27 — MASTER TERMINAL BOX w/WIRING, ASSEMBLY C152907H**

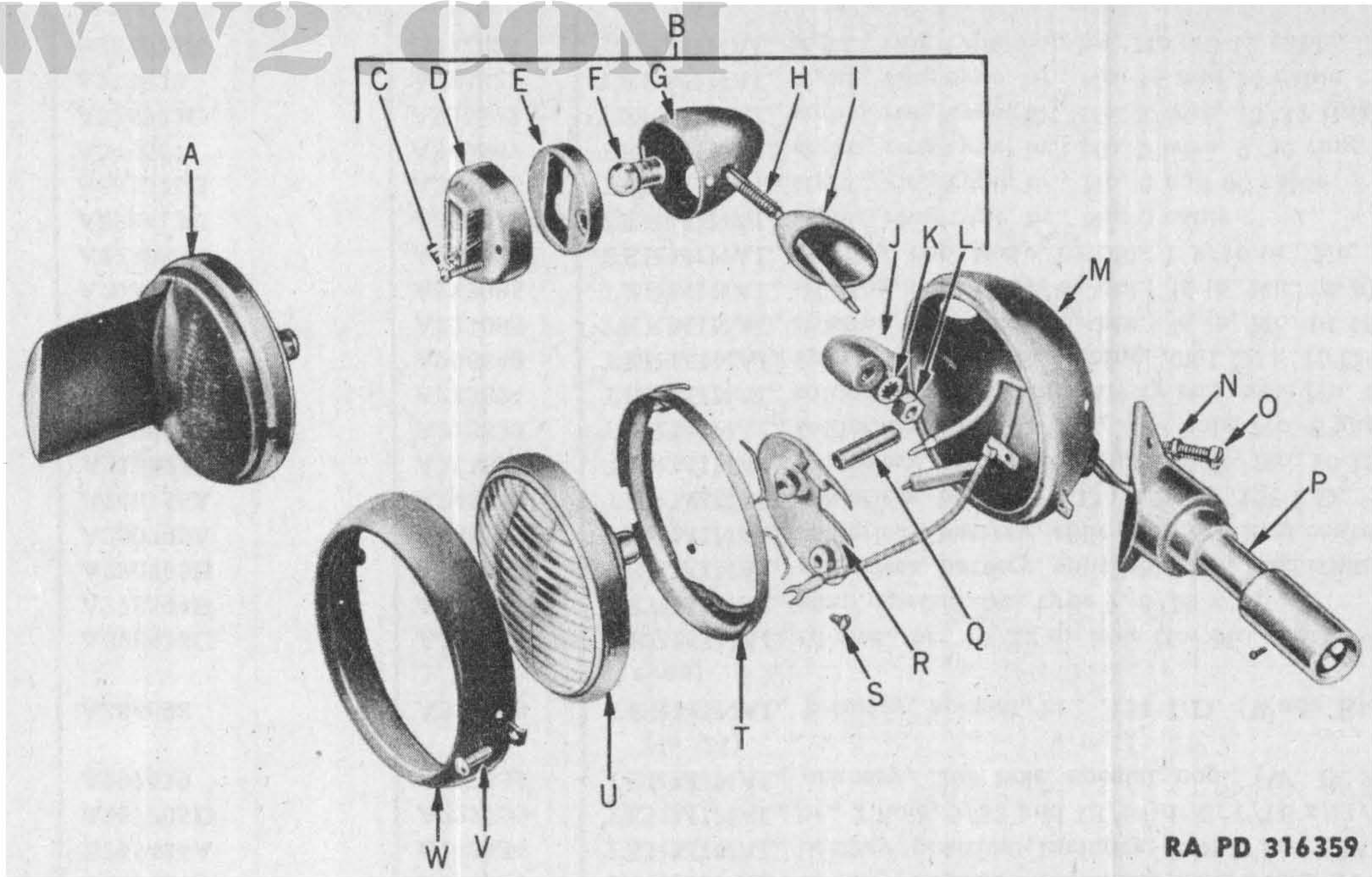
# GROUP 06 — ELECTRICAL

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | **0611—HORN, HORN CABLE AND SWITCH** | | |
| | 2050-1133S | 06-31 | A383612 | A383612 | CONNECTOR, horn conduit cable | 1 | |
| | G104-7008965 | 06-24,25,31 | C101041C | C101041 | HORN, assembly (24 V.) (Includes: COVER, MOTOR, PROJECTOR and SUPPORT) | 1 | |
| H-1 | H001-4022661 | 06-31 | 121743 | | NUT, hex., S., cd-pltd., No. 12 (.216)-24NC-1 (BBKX2D-1) | 2 | |
| H-1 | H001-7023651 | 06-31 | 131184 | | WASHER, lock, S., cd-pltd., No. 12-1/16 x 3/64 (BECX2F-1) | 2 | |
| | G104-5383624 | 06-31 | A383624 | A383624 | SPACER, mounting, horn | 1 | |
| | 6300-YPE-1 | | A384601 | A384601 | SWITCH, horn, assembly | 1 | |
| H-1 | H001-0725480 | | 503266 | | NUT, safety, S., ¼-20NC-3 (BBSX2AA) | 2 | |
| | | | | | **0612—BATTERIES, CABLES, ELECTROLYTE AND BOX** | | |
| H-15 | H015-0500907 | 06-25 | 500907 | | BATTERY, storage, 12-16 V., type 8 T., wet charged, assembly | 2 | |
| H-15 | H015-0500909 | | 500909 | | BATTERY, storage, 12-16 V., type 8 T., uncharged and moist, assembly (Electrolyte in separate container, see ELECTROLYTE, 51-A-1562-400) | 2 | |
| H-15 | H015-0500908 | | 500908 | | BATTERY, storage, 12-16 V., type 8 T., charged and dry, assembly (Electrolyte in separate container, see ELECTROLYTE, 51-A-1562-150) | 2 | |
| | | 06-24 | D82112 | D82112 | BOX, battery, assembly | 1 | |
| | G104-5384682 | 06-25 | A384682 | A384682 | CABLE, battery to 24 V. master switch (No. 0 gage) | 1 | |
| | G104-5384684 | 06-25 | A384684 | A384684 | CABLE, battery to 12 V. master switch (No. 6 gage) | 1 | |
| | 51-A-1562-400 | | | | ELECTROLYTE, storage battery, specific gravity 1.345 (for BATTERY, moist uncharged, H015-0500909) | 2 | |
| | 51-A-1562-150 | | | | ELECTROLYTE, storage battery, specific gravity 1.275 (for BATTERY, dry charged, H015-0500908) | 2 | |
| | | | | | **0613.1—HULL WIRING** | | |
| | G103-0500440 | | A160693 (CWR-202547) | A160693 | CABLE, ground, engine support beam | 1 | |
| H-1 | H001-0725660 | | 503350 (CWR-201439) | | NUT, safety, S., ⅜-24NF-3 (BBSX4AC) | 2 | |
| H-1 | H001-5026721 | | 214386 (CWR-202551) | | SCREW, cap, hex-hd., S., cd-pltd., ⅜-16NC-2 x ¾ (BCAX1CA-1) | 1 | |
| H-1 | H001-5027131 | | 213928 (CWR-202548) | | SCREW, cap, fil-hd., S., cd-pltd., ⅜-24NF-2 x 1 (BCBX1CC-1) | 1 | |
| H-1 | H101-0502204 | | (AIR-AN960-616) | | WASHER, plain, S., ⅜ | 2 | |
| H-1 | H001-7043771 | | 120395 (CWR-202552) | | WASHER, plain, S., cd-pltd., SAE std., 7/16 (BEBX1L-1) | 2 | |
| | G104-1792182 | | A297646A | A297646 | CABLE, ground, generator | 1 | |
| H-1 | H001-1013228 | | 216282 | | SCREW, cap, hex-hd., S., 5/16-24NF-2 x ½ (BCBX5D) | 2 | |
| H-1 | H001-7124720 | | 173127 | | WASHER, lock, internal-external teeth, reg., S., 5/16 x .900 (BEAX8AB) | 2 | |
| | G104-5330545 | | A330545 | A330545 | CABLE, ground, generator regulator | 1 | |
| | G104-5384703 | | A384703 | A384703 | COUPLING, bulkhead terminal box to engine | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-5297535 | | A297535A | A297535 | COUPLING, flexible conduit, ⅜ in. | 2 |
| | G104-7009155 | | A297535B | A297535 | COUPLING, flexible conduit, ½ in. | 4 |
| | G104-7009156 | | A297535C | A297535 | COUPLING, flexible conduit, ⅝ in. | 2 |
| | G104-7009157 | | A297535D | A297535 | COUPLING, flexible conduit, ¾ in. | 2 |
| | G104-7009158 | | A297535E | A297535 | COUPLING, flexible conduit, 1 in. | 2 |
| | G104-5297739 | | A297739 | A297739 | COUPLING, fuel tank and tail light harness | 1 |
| | G212-5329971 | | A329971 | A329971 | COUPLING, instrument panel front terminal box top harness | 1 |
| | 2220-203395 | | A381903 (CWR-203395) | A381903 | ELBOW, engine oil pressure unit | 1 |
| H-4 | H004-0332580 | | B183370B | A183370 | FERRULE, plain, ¼ in. shielding conduit, type 3, br. | 5 |
| H-4 | H004-0332500 | | B183370D | B183370 | FERRULE, plain, ⅜ in. shielding conduit, type 3, br. | 3 |
| | G104-7009165 | | B245216G | B245216 | FERRULE, shoulder, shielding conduit | 9 |
| H-4 | H004-0332520 | | B183370A | B183370 | FERRULE, shoulder, ¼ in. shielding conduit, type 2 br | 22 |
| | G104-0501155 | | B200260G | B200260 | FERRULE, shoulder, ¼ in. shielding conduit, type 2, br. | 26 |
| | G130-0180795 | | B200260B | B200260 | FERRULE, shoulder, ⅜ in. shielding conduit, type 1 | 1 |
| H-4 | H004-0332640 | | B183370C | B183370 | FERRULE, shoulder, ⅜ in. shielding conduit, type 1, br. | 26 |
| H-4 | H004-0332560 | | B183370E | B183370 | FERRULE, shoulder, ⅜ in. shielding conduit, type 2, br. | 6 |
| H-4 | H004-0332540 | | B183370F | B183370 | FERRULE, shoulder, ⅜ in. shielding conduit, type 2, br. | 1 |
| | G104-1580603 | | B200260C | B200260 | FERRULE, shoulder, ½ in. shielding conduit, type 2 | 6 |
| H-4 | H004-0332600 | | B183370G | B183370 | FERRULE, shoulder, ½ in. shielding conduit, type 1, br. | 9 |
| H-4 | H004-0332620 | | B183370H | B183370 | FERRULE, shoulder, ½ in. shielding conduit, type 2, br. | 6 |
| H-4 | H004-0332660 | | B183370K | B183370 | FERRULE, shoulder, ½ in. shielding conduit, type 3 | 1 |
| | G137-0180805 | | B183370U | B183370 | FERRULE, shoulder, ½ in. shielding conduit, type 2 | 1 |
| H-4 | H004-0332000 | | B183370L | B183370 | FERRULE, shoulder, ⅝ in. shielding conduit, type 2, br. | 6 |
| | G104-7009183 | | B183370AD | B183370 | FERRULE, shoulder, ⅝ in. shielding conduit, type 1, br. | 1 |
| | G104-1580602 | | B200260E | B200260 | FERRULE, shoulder, ⅝ in. shielding conduit, type 1, br. | 8 |
| H-4 | H004-0332220 | | B183370N | B183370 | FERRULE, shoulder, ¾ in. shielding conduit, type 1, br. | 1 |
| H-4 | H004-0332240 | | B183370P | B183370 | FERRULE, shoulder, ¾ in. shielding conduit, type 1, br. | 1 |
| H-4 | H004-0332720 | | B183370X | B183370 | FERRULE, shoulder, ¾ in. shielding conduit, type 2 | 2 |
| H-4 | H004-0332260 | | B183370Q | B183370 | FERRULE, shoulder, 1 in. shielding conduit, type 1, br. | 2 |
| | G104-7005696 | | B183370Z | B183370 | FERRULE, shoulder, 1 in. shielding conduit, type 2, br. | 1 |
| | G104-5636173 | 06-24,25 | C136173 | C136173 | HARNESS, wiring, auxiliary generator to auxiliary generator voltage regulator (Includes: ELBOW, NUT and TEE) (100 in. No. 6 cable, 80 in. No. 8 cable, 34¾ in. ⅜ conduit, 53½ in. ¾ conduit) | 1 |
| | | 06-24 | C136171 | C136171 | HARNESS, wiring, auxiliary generator to auxiliary generator voltage regulator, w/TUBE (35 in. No. 6 cable, 34 in. No. 14 cable) | 1 |
| | | 06-24,25 | C136177 | C136177 | HARNESS, wiring, auxiliary generator to bulkhead terminal box (Includes: ELBOW and NUT) (90 in. No. 8 cable, 34 in. ⅜ conduit) | 1 |
| | | 06-24,25 | 7055897 | | HARNESS, wiring, bulkhead to engine, left and right fuel tanks, left and right tail lamp nipples (Includes: BUSHING, COUPLING, NUT, TEE and TUBE) (833 in. No. 16 cable, 201 in. No. 14 cable, 75 in. ¼ conduit, 23 in. ⅜ conduit, 17 in. ½ conduit) | 1 |
| | | 06-25 | 7055921 | | HARNESS, wiring, bulkhead to engine magneto, rear (Includes: COUPLING, ELBOW, NIPPLE and NUT) (221 in. No. 14 cable, 109 in No. 16 cable, 20 in. ⅜ conduit) | 1 |
| | G104-7008966 | 06-27 | C152907F | C152907 | HARNESS, wiring, circuit breaker to shunt, master terminal box (Includes: 11¾ in. No. 12 cable) | 1 |
| | G104-7008968 | 06-27 | C152907D | C152907 | HARNESS, wiring, circuit breaker to shunt, master terminal box (Includes: 9 in. No. 6 cable) | 1 |
| | | 06-24,27 | C136137 | C136137 | HARNESS, wiring, cranking motor, front (Includes: ELBOW, NUT and TUBE) (141 in. No. 0 cable, 60¾ in. ⅝ conduit) | 1 |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | 06-25 | 7055909 | | HARNESS, wiring, cranking motor, rear (Includes: BUSHING, ELBOW and NUT) (111 in. No. 0 cable, 38 in ¾ conduit) | 1 | |
| | G104-7008967 | 06-27 | C152907E | C152907 | HARNESS, wiring, cranking motor, relay to terminal box (Includes: 7 in. No. 0 gage cable) | 1 | |
| | | 06-24 | 7067603 | | HARNESS, wiring, generator to generator regulator (Includes: ELBOW and TUBE) (91 in. No. 6 cable, 91 in. No. 14 cable, 43 in. ⅝ conduit) | 1 | |
| | G104-5636184 | 06-25 | C136184 | C136184 | HARNESS, wiring, horn, exterior (Includes: ELBOW, NIPPLE, NUT, PLUG and TUBE) (48 in. No. 14 cable, 12 in. ¼ conduit) | 1 | |
| | | 06-25 | C136134 | C136134 | HARNESS, wiring, instrument panel to bulkhead terminal box (Includes: COUPLING and TUBE) (162 in. No. 14 cable, 1134 in. No. 16 cable, 82¾ in. ¾ conduit) | 1 | |
| | G104-6580474 | 06-24,25 | D80474 | D80474 | HARNESS, wiring, instrument panel to horn, horn switch, left headlight and resistor (Includes: COUPLING, CONTACT, CONNECTOR, ELBOW and TUBE) (517 in. No. 14 cable, 118 in. ⅜ conduit, 13 in. 1 conduit) | 1 | |
| | G212-5636140 | 06-25,27 | C136140 | C136140 | HARNESS, wiring, instrument panel to master terminal box (Includes: ELBOW, NUT and RECEPTACLE) (135 in. No. 12 cable, 94 in. No. 14 cable, 38 in. No. 16 cable, 44 in. No. 18 cable) | 1 | |
| | G104-5636175 | 06-25 | C136175 | C136175 | HARNESS, wiring, left tail lamp nipple to left tail lamp (Includes: NIPPLE, NUT, PLUG, SLEEVE, SOCKET and WASHER) (87 in. No. 16 cable, 27½ in. ⅜ conduit) | 1 | |
| | G104-7008969 | 06-27 | C152907C | C152907 | HARNESS, wiring, master switch to terminal block, master terminal box (Includes: 5¼ in. No. 0 cable) | 1 | |
| | | | C136143 | C136143 | HARNESS, wiring, master terminal box to bulkhead, front (Includes: RECEPTACLE and TUBE)(325 ¾ in. No. 14 cable, 164 in. No. 16 cable, 81 in. ⅜ conduit) | 1 | |
| | | | C136138 | C136138 | HARNESS, wiring, master terminal box to bulkhead terminal box (Includes: ELBOW, NUT and TUBE) (142½ in. No. 14 cable, 143½ in. No. 6 cable, 51¼ in. ⅝ conduit) | 1 | |
| | G104-5636150 | 06-25,27 | C136150 | C136150 | HARNESS, wiring, master terminal box to generator voltage regulator (Includes: ELBOW and NUT) (24 in. No. 6 cable, 6½ in. ⅜ conduit) | 1 | |
| | | 06-24,25,27 | D80460 | D80460 | HARNESS, wiring, master terminal box to hull floor and spotlight | 1 | |
| | | 06-24,27 | 7055946 | C7055946 | HARNESS, wiring, master terminal box to radio terminal box (Includes: ELBOW, NUT and TUBE) (44 in. No. 6 cable, 44 in. No. 12 cable, 8½ in. ⅝ conduit) | 1 | |
| | G104-5652907 | 06-27 | C152907A | C152907 | HARNESS, wiring, receptacle to cranking motor relay (Includes: 11 in. No. 0 gage cable) | 1 | |
| | G104-7008970 | 06-27 | C152907B | C152907 | HARNESS, wiring, receptacle to master switch, master terminal box (Includes: 9 in. No. 0 cable) | 1 | |
| | G104-5636174 | 06-25 | C136174 | C136174 | HARNESS, wiring, right tail lamp nipple to right tail lamp (Includes: NIPPLE, NUT, PLUG, SLEEVE, SOCKET and WASHER) (29½ in. No. 16 cable, 27½ in. ⅜ conduit) | 1 | |
| | | 06-24,25 | C136127 | C136127 | HARNESS, wiring, turret slip ring to master terminal box (Includes: ELBOW, NUT and TUBE) (101 in. No. 2 cable, 37½ in. ⅝ conduit) | 1 | |
| | | 06-24 | 7055947 | C7055947 | HARNESS, wiring, turret slip ring to radio terminal box (Includes: ELBOW, NUT and TUBE) (67 in. No. 12 cable, 282 in. No. 18 cable, 17½ in. ½ conduit) | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | 17-I-1725-55 | | | | INSULATOR, transparent plastic, .148 I.D. (ship in 1 ft. length) | as req. |
| | 17-I-1725-75 | | | | INSULATOR, transparent plastic, .166 I.D. (ship in 1 ft. length) | as req. |
| | 17-I-1725-95 | | | | INSULATOR, transparent plastic, .186 I.D. (ship in 1 ft. length) | as req. |
| | 17-I-1726-10 | | | | INSULATOR, transparent plastic, .208 I.D. (ship in 1 ft. length) | as req. |
| | 17-I-1726-75 | | | | INSULATOR, transparent plastic, .263 I.D. (ship in 1 ft. length) | as req. |
| | 17-I-1727-10 | | | | INSULATOR, transparent plastic, .294 I.D. (ship in 1 ft. length) | as req. |
| | 17-I-1728-10 | | | | INSULATOR, transparent plastic, .330 I.D. (ship in 1 ft. length) | as req. |
| | 17-I-1728-130 | | | | INSULATOR, transparent plastic, .375 I.D. (ship in 1 ft. length) | as req. |
| | 17-I-1728-500 | | | | INSULATOR, transparent plastic, .500 I.D. (ship in 1 ft. length) | as req. |
| | 17-I-1728-540 | | | | INSULATOR, transparent plastic, .562 I.D. (ship in 1 ft. length) | as req. |
| | G104-7009172 | | B209939B | B209939 | NUT, coupling (½ in. conduit) | as req. |
| | G104-7009173 | | B209939C | B209939 | NUT, coupling (¾ in. conduit) | as req. |
| | G104-7009163 | | A213578K | A213578 | NUT, coupling, shielding conduit | as req. |
| H-4 | H004-0345600 | | A213578A | A213578 | NUT, coupling, shielding conduit, br., 11/16-24NC-2 (for ¼ in. and ⅜ in. conduit) | 51 |
| H-4 | H004-0345620 | | A213578B | A213578 | NUT, coupling, shielding conduit, br., 15/16-18NS-2 (for ⅜ in. and ½ in. conduit) | 14 |
| H-4 | H004-0345640 | | A213578C | A213578 | NUT, coupling, shielding conduit, br., 1 1/16-18NS-2 | 9 |
| H-4 | H004-0345660 | | A213578D | A213578 | NUT, coupling, shielding conduit, br., 1 3/16-18NS-2 (for ⅜, ½, ⅝ and ¾ in. conduit) | 14 |
| H-4 | H004-0345680 | | A213578E | A213578 | NUT, coupling, shielding conduit, br., 1 7/16-18NS-2 (for 1 in. conduit) | 4 |
| H-4 | H004-0345682 | | A213578G | A213578 | NUT, coupling, shielding conduit, br., 1¾-18NS-2 (for ¾ in. conduit) | as req. |
| | G104-7009174 | | B209939 | B209939 | NUT, coupling (special) | as req. |
| H-4 | H004-0503060 | | A213567B | A213567 | NUT, lock | 1 |
| | G104-7009179 | | B209580C | B209580 | NUT, lock, conduit | as req. |
| | G104-7009164 | | A213578L | A213578 | NUT, lock, conduit, ½ in. | as req. |
| H-4 | H004-0503509 | | A213567A | A213567 | NUT, lock, conduit, 1 5/16 (11/16-24NS-2) | as req. |
| H-4 | H004-0303062 | | A213567D | A213567 | NUT, lock, conduit, 1⅜ (1 3/16-18NS-2) | as req. |
| H-4 | H004-0365705 | 06-25 | B145434B | B145434 | TERMINAL, battery, negative (Includes: BOLT and STUD) | 2 |
| H-4 | H004-0365700 | 06-25 | B145434A | B145434 | TERMINAL, battery, positive (Includes: BOLT and STUD) | 2 |
| | G104-0504744 | | A227705D | A227705 | TERMINAL, br., 2 hole, 5/32 and 13/64 drill, 1/16 x 11/32 x 1 | as req. |
| | G104-5297439 | | A297439 | A297439 | TERMINAL, primary, .203 hole, special, cop., (W. B. Sherman Mfg. Co. type No. 24) | as req. |
| | G104-5384698 | | A384698 | A384698 | TERMINAL, primary, special, br., .152 I.D. (Wade Elec. Prod. Co. No. 3075 type) | as req. |
| | G104-7034980 | 06-27 | A328413C | A328413 | TERMINAL, rd-end., br., 13/32 in. hole (for No. 0 gage wire) | as req. |
| | G104-7009187 | | A278594B | A278594 | TERMINAL, snap, special, br., type 1, 3/16 x 1 | as req. |
| H-4 | H004-0365560 | | A280795B | A280795 | TERMINAL, solderless, battery, split bbl., br., lead coated, .625 diam. | as req. |
| H-4 | H004-0365540 | | A280795A | A280795 | TERMINAL, solderless, battery, split bbl., br., lead coated, .687 diam. | as req. |
| | G104-2398804 | | A248156A | A248156 | TERMINAL, solderless, br., .461 I.D., 2 holes .187 I.D. | as req. |
| H-4 | H004-0506216 | | A213823U | A213823 | TERMINAL, solderless, cop., bz-bbl., .328 hole, No. 10-12 gage cable | as req. |
| H-4 | H004-0370139 | 06-27 | A213823T | A213823 | TERMINAL, solderless, cop., bz-bbl., .390 hole, No. 6 gage cable | as req. |
| | G104-0504660 | | A213824 | A213824 | TERMINAL, solderless, high conductivity br., cable No. 4 solid to No. 1 stranded | as req. |
| | G104-5296648 | | A296648 | A296648 | TERMINAL, spark plug wire, br. tubing, .08 I.D. x .10 O.D. x 1.22 lgh. | as req. |
| H-4 | H004-0506229 | | A223085A | A223085 | TERMINAL, splicing, cop. body, bz-bbl., ⅞ in. No. 14-16 gage cable | as req. |
| H-4 | H004-0506228 | | A223085B | A223085 | TERMINAL, splicing, cop. body, bz-bbl., ⅞ in. No. 18-20 gage cable | as req. |
| H-4 | H004-0506230 | | A223085C | A223085 | TERMINAL, splicing, cop. body, bz-bbl., 1 1/16 in., No. 10-12 gage cable | as req. |
| | G104-7034980 | | A328413C | A328413 | TERMINAL, stght., ring type, br., No. 0 cable | as req. |
| | G104-7009181 | | A381325B | A381325 | TERMINAL, stght., ring type, br., No. 0 and 00 cable | as req. |
| | G104-5349667 | | A349667 | A349667 | TERMINAL, stght., ring type, br., No. 2 wire, 9/32 ring, .02 gage cable | as req. |
| | G104-2398803 | | A326522C | A326522 | TERMINAL, stght., ring type, br., No. 2 wire, 13/32 ring, No. 0 cable | as req. |
| H-4 | H004-0370100 | | A213822 | A213822 | TERMINAL, stght., ring type, br., No. 14 and 16 cable | as req. |
| | G104-7009182 | | B282625E | B282625 | TERMINAL, stght., ring type, cop-br., No. 10-12 cable, .279 ring | as req. |

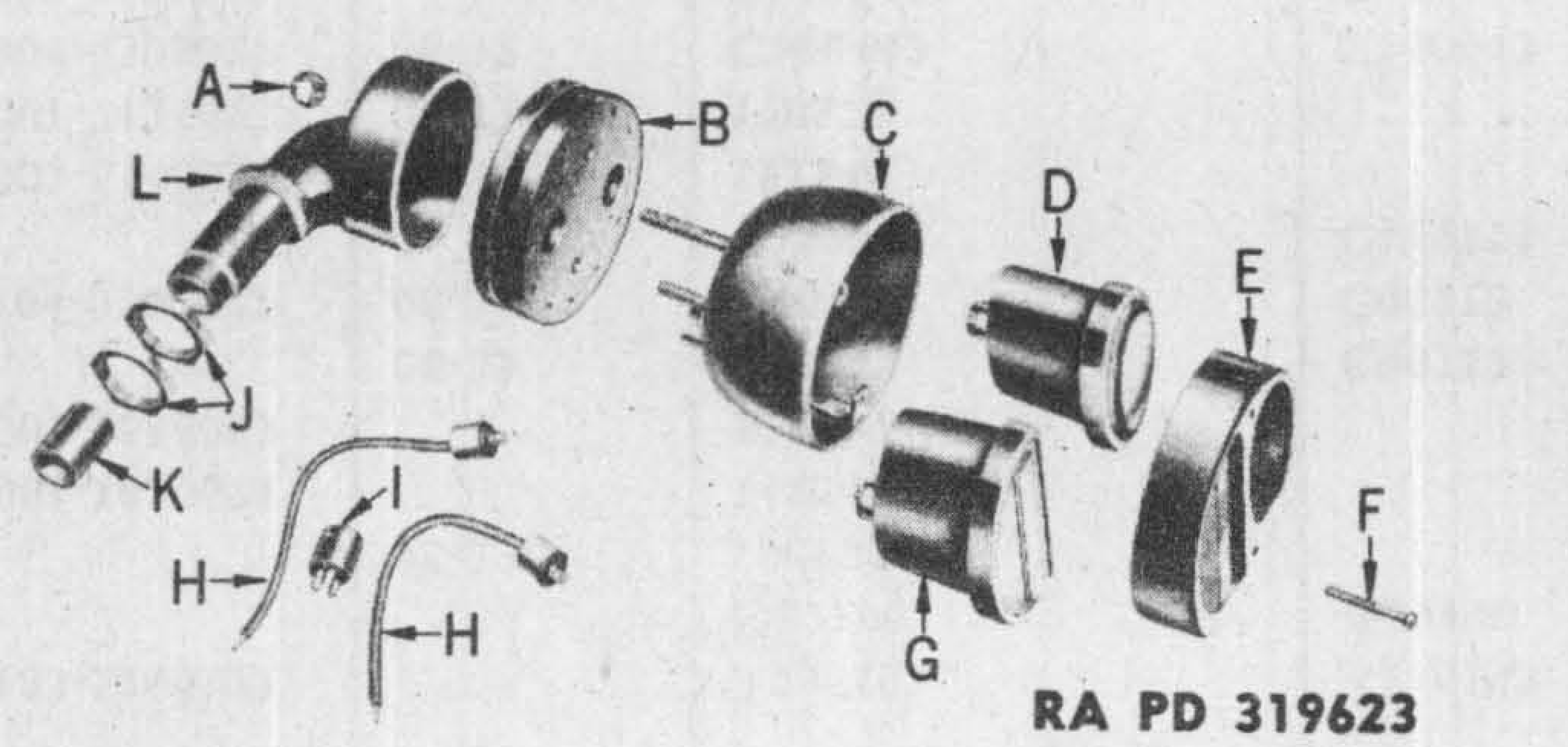





## FIGURE 06-28 — BLACKOUT MARKER AND SEALED SERVICE HEADLIGHT ASSEMBLY, D59636A

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | LAMP-UNIT | C105860 | 0609.1 |
| B | LIGHT, ass'y | C105662A | 0609.1 |
| C | SCREW | 100714 | 0609.1 |
| D | DOOR (furnished only as part of LIGHT, C105662A) | | 0609.1 |
| E | GASKET (furnished only as part of LIGHT, C105662A) | | 0609.1 |
| F | LAMP | A213667A | 0609.2 |
| G | BODY (furnished only as part of LIGHT, C105662A) | | 0609.1 |
| H | BOLT (furnished only as part of LIGHT, C105662A) | | 0609.1 |
| I | MOUNT (furnished only as part of LIGHT, C105662A) | | 0609.1 |
| J | SPACER (furnished only as part of LIGHT, C105662A) | | 0609.1 |
| K | WASHER | 103320 | 0609.1 |
| L | NUT | 218564 | 0609.1 |
| M | BODY, ass'y | B226432 | 0609.1 |
| N | WASHER | 103319 | 0609.1 |
| O | BOLT | A265620 | 0609.1 |
| P | SHAFT, ass'y | C105660 | 0609.1 |
| Q | CONNECTOR, ass'y | A214439 | 0609.1 |
| R | STIFFENER, ass'y | B226428 | 0609.1 |
| S | SCREW | 171350 | 0609.1 |
| T | RING and SPRING, ass'y | B226429 | 0609.1 |
| U | LAMP | C97176C | 0609.1 |
| V | SCREW | 100711 | 0609.1 |
| W | DOOR, ass'y | B226431 | 0609.1 |

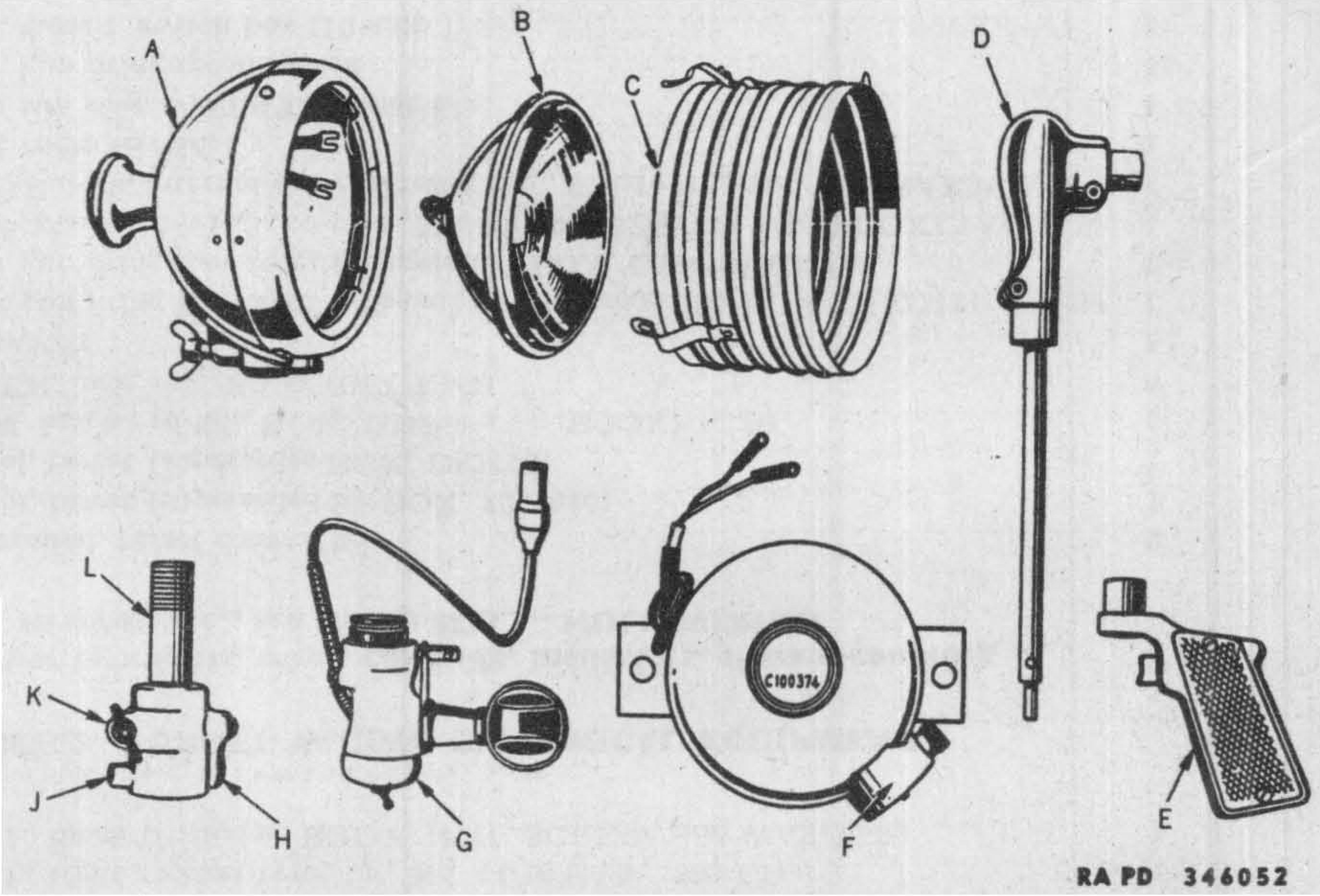
RA PD 316359G




## FIGURE 06-29 — TAIL LIGHT ASSEMBLY, C95299B — EXPLODED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | NUT | 503266 | 0609.1 |
| B | MOUNTING | B201617B | 0609.1 |
| C | BODY, ass'y (furnished only as part of LIGHT, C95299B) | | 0609.1 |
| D | LAMP-UNIT | 504421 | 0609.1 |
| E | DOOR (furnished only as part of LIGHT, C95299B) | | 0609.1 |
| F | SCREW (furnished only as part of LIGHT, C95299B) | | 0609.1 |
| G | LAMP-UNIT | 504418 | 0609.1 |
| H | CONNECTOR (furnished only as part of LIGHT, C95299B) | | 0609.1 |
| I | PLUG | A213367 | 0609.1 |
| J | NUT | A213567C | 0609.1 |
| K | SLEEVE | A213828 | 0609.1 |
| L | BRACKET | C101007B | 0609.1 |

RA PD 319623C




## FIGURE 06-30 — SPOTLIGHT AND REEL ASSEMBLY, D78070C — EXPLODED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | LIGHT, ass'y | C107406G | 0609.2 |
| B | LAMP-UNIT | C100440C | 0609.2 |
| C | SHIELD, ass'y | C122179 | 0609.2 |
| D | ARM | C100212C | 0609.2 |
| E | GRIP | B257787 | 0609.2 |
| F | REEL, ass'y | C100412 | 0609.2 |
| G | HANDLE, ass'y | B207563 | 0609.2 |
| H | CLAMP | B243956 | 0609.2 |
| J | SCREW | 216991 | 0609.2 |
| K | NUT | 503454 | 0609.2 |
| L | SHAFT | B243974A | 0609.2 |

RA PD 346052A

# GROUP 06 — ELECTRICAL



| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| H-4 | H004-0370080 | | A213823A | A213823 | TERMINAL, stght., ring type, cop-br., No. 14-16 wire, .193 ring | as req. | |
| H-4 | H004-0370020 | | A213823B | A213823 | TERMINAL, stght., ring type, cop-br., No. 14-16 wire, .149 ring | as req. | |
| H-4 | H004-0370040 | | A213823C | A213823 | TERMINAL, stght., ring type, cop-br., No. 14-16 wire, .170 ring | as req. | |
| H-4 | H004-0370120 | | A213823D | A213823 | TERMINAL, stght., ring type, cop-br., No. 14-16 wire, .265 ring | as req. | |
| | G104-0504492 | | A213823E | A213823 | TERMINAL, stght., ring type, cop-br., No. 18-20 wire, .170 ring | as req. | |
| H-4 | H004-0370123 | | A213823F | A213823 | TERMINAL, stght., ring type, cop-br., No. 18-20 wire, .193 ring | as req. | |
| H-4 | H004-0370125 | | A213823G | A213823 | TERMINAL, stght., ring type, cop-br., No. 18-20 wire, .170 ring | as req. | |
| H-4 | H004-0370130 | | A213823H | A213823 | TERMINAL, stght., ring type, cop-br., No. 18-20 wire, .149 ring | as req. | |
| H-4 | H004-0370131 | | A213823K | A213823 | TERMINAL, stght., ring type, cop-br., No. 10-12 wire, .193 ring | as req. | |
| H-4 | H004-0370132 | | A213823L | A213823 | TERMINAL, stght., ring type, cop-br., No. 8 wire | as req. | |
| H-4 | H004-0370133 | | A213823M | A213823 | TERMINAL, stght., ring type, cop-br., No. 6-8 wire, .328 ring | as req. | |
| H-4 | H004-0370134 | | A213823N | A213823 | TERMINAL, stght., ring type, cop-br., No. 14-16 wire, .390 ring | as req. | |
| H-4 | H004-0370136 | | A213823P | A213823 | TERMINAL, stght., ring type, cop-br., No. 10-12 wire, .390 ring | as req. | |
| H-4 | H004-0370137 | | A213823Q | A213823 | TERMINAL, stght., ring type, cop-br., No. 8 wire, .265 ring | as req. | |
| H-4 | H004-0370138 | | A213823R | A213823 | TERMINAL, stght., ring type, cop-br., No. 14-16 wire | as req. | |
| H-4 | H004-0506218 | | A213823S | A213823 | TERMINAL, stght., ring type, cop-br., No. 8 cable | as req. | |
| H-4 | H004-0370139 | | A213823T | A213823 | TERMINAL, stght., ring type, cop-br., No. 6 cable, .390 ring | as req. | |
| H-4 | H004-0506213 | | A213823W | A213823 | TERMINAL, stght., ring type, cop-br., No. 10-12 wire, .170 ring | as req. | |
| H-4 | H004-0506212 | | A213823X | A213823 | TERMINAL, stght., ring type, cop-br., No. 10-12 wire, .149 ring | as req. | |
| H-4 | H004-0506221 | | A213823Z | A213823 | TERMINAL, stght., ring type, cop-br., No. 6 cable, .265 ring | as req. | |
| H-4 | H004-0506204 | | A213823AA | A213823 | TERMINAL, stght., ring type, cop-br., No. 18-20 cable, .265 ring | as req. | |
| | G130-0398799 | | A298410A | A298410 | TERMINAL, stght., socket type, br., No. 12 cable | as req. | |
| H-4 | H004-0368035 | | A298410B | A298410 | TERMINAL, stght., socket type, br., No. 14-16 cable, .080 I.D. | as req. | |
| | G104-1798703 | | A246998 | A246998 | TERMINAL, block (Includes: BODY, NUT, SCREW, and WASHER) | 1 | |

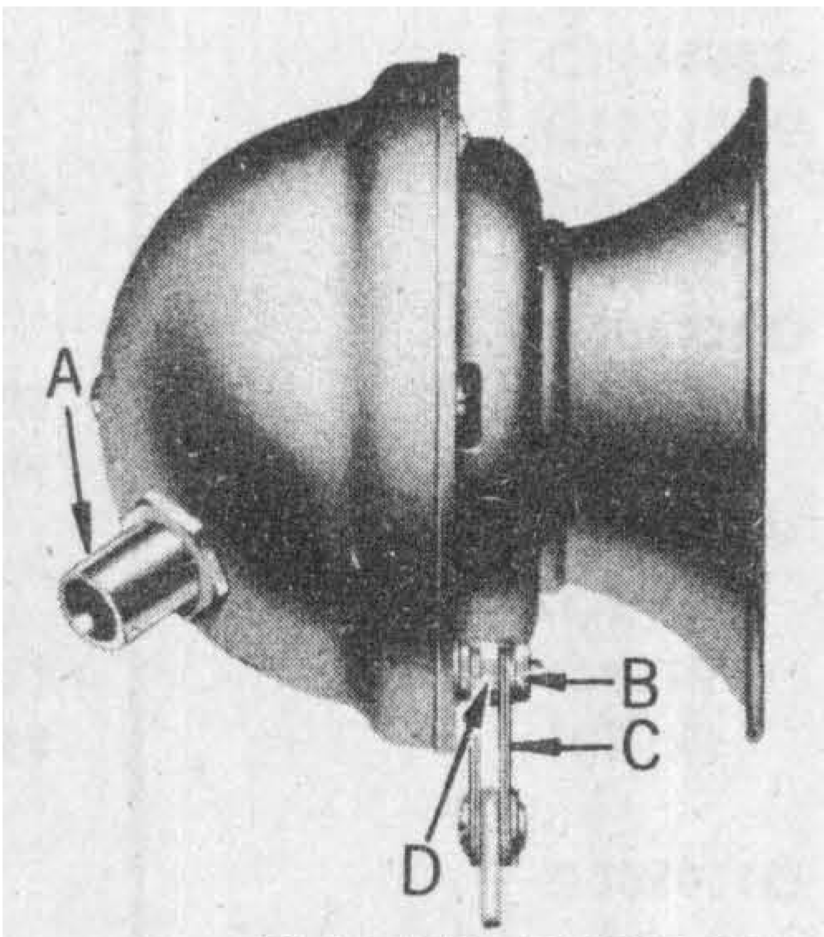
## 0613.2—TURRET WIRING ELECTRICAL EQUIPMENT

**NOTE: For terminals, wires, conduits, insulators, elbows, coupling nuts, ferrules, etc., see Group 0613.1—HULL WIRING**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G183-5246193 | | A246193 | A246193 | BLOCK, terminal, turret control box | 2 | |
| | | | D82190 | D82190 | BOX, control, turret (superseded by BOX, 7007926) | 1 | |
| | | 06-32 | 7007926 | | BOX, control, turret (supersedes BOX, D82190) | 1 | |
| H-1 | H001-1030671 | | 142344 | | SCREW, mach., rd-hd., S., 1/4-28NF-2 x 3/8 (BCOX1.1CD) | 6 | |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., 1/4 (BECX1G) | 6 | |
| | | 06-33 | C96712 | C96712 | BOX, foot switch | 1 | |
| | G104-0500327 | 06-32 | C96713 | C96713 | BOX, turret gun firing foot switch, assembly (superseded by BOX, C152711) | 1 | |
| | | | C152711 | C152711 | BOX, turret gun firing foot swicth (supersedes BOX, G104-0500327) | 1 | |
| H-1 | H001-5148821 | 06-33 | 121540 | | SCREW, mach., rd-hd., S., cd-pltd., No. 10(.190)-32NF-2 x 5/16 (BCOX1.1AC-1) | 4 | |
| H-1 | H001-7124621 | 06-33 | 178378 | | WASHER, lock, internal-external teeth, reg., S., cd-pltd., No. 10 (BEAX8L-1) | 8 | |
| H-4 | H004-0500332 | 06-32 | C100443 | C100443 | BOX, turret radio terminal | 1 | |
| | G212-5636145 | | C136145 | C136145 | BOX, turret slip ring, w/PLATE, assembly | 1 | |
| | G104-1525838 | | B201145 | B201145 | BRACKET, gun firing recoil switch | 1 | |
| | G104-0500408 | | B199968L | B199968 | BREAKER, circuit, switch box (10 amp.) | 2 | |

| | | | | | |
|---|---|---|---|---|---|
| H-1 | H001-1030589 | 100766 | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NF-2 x ¾ (BCOX1.1AH) | 6 |
| | G104-0500406 | B199968P | B199968 | BREAKER, circuit, switch box (25 amp.) | 1 |
| H-1 | H001-1030589 | 100766 | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NF-2 x ¾ (BCOX1.1AH) | 2 |
| | G402-7035029 | B243858K | B243858 | BREAKER, circuit, switch box (105 amp.) | 1 |
| H-1 | H001-1030590 | 100767 | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NF-2 x ⅞ (BCOX1.1AK) | 2 |
| | G104-1526216 | A265482 | A265482 | BRUSH, contact, radio, turret slip-ring box | 10 |
| | G104-1526217 | A265484 | A265484 | BRUSH, power contact, turret slip-ring box | 8 |
| | G104-2131292 | A246628 | A246628 | CABLE, collector ring box to ground, assembly (No. 2 black, 10¼ in.) | 1 |
| H-1 | H001-1013015 | 193988 | | SCREW, cap, hex-hd., S., 5/16-18NC-2 x ½ (BCAX3B) | 1 |
| H-1 | H001-1519010 | 115548 | | WASHER, lock, internal teeth, reg., S., 5/16 (BEAX1K) | 1 |
| | | A349269 | A349269 | CAPACITOR, switch box breaker circuit | 1 |
| | | A412654 | A412654 | CLAMP, turret control box to oil pump and firing switch wiring system | 1 |
| H-1 | H001-1030586 | 100764 | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NF-2 x ½ (BCOX1.1AF) | 1 |
| H-1 | H001-1518005 | 106497 | | WASHER, lock, reg., S., No. 10 (BECX1E) | 1 |
| | | B208671A | B208671 | CLIP, dome light wiring system (3), spotlight and reel wiring system (2) | 5 |
| H-1 | H101-0181558 | 181558 | | SCREW, hex-hd., S., ¼-28NF-3 x ⅜ | 5 |
| H-1 | H001-7124701 | 174916 | | WASHER, lock, internal-external teeth, reg., S., cd-pltd., ¼ x .760 (BEAX-8W-1) | 5 |
| | | D208691D | D208691 | CLIP, gun firing and solenoids wiring system | 2 |
| H-1 | H101-0181558 | 181558 | | SCREW, hex-hd., S., ¼-28NF-3 x ⅜ | 2 |
| H-1 | H001-7124701 | 174916 | | WASHER, lock, internal-external teeth, reg., S., cd-pltd., ¼ x .760 (BEAX-8W-1) | 2 |
| | | B208671U | B208671 | CLIP, gun firing solenoids and switch wiring system | 4 |
| H-1 | H101-0181558 | 181558 | | SCREW, hex-hd., S., ¼-28NF-3 x ⅜ | 4 |
| H-1 | H001-7124701 | 174916 | | WASHER, lock, internal-external teeth, reg., S., cd-pltd., ¼ x .760 (BEAX-8W-1) | 4 |






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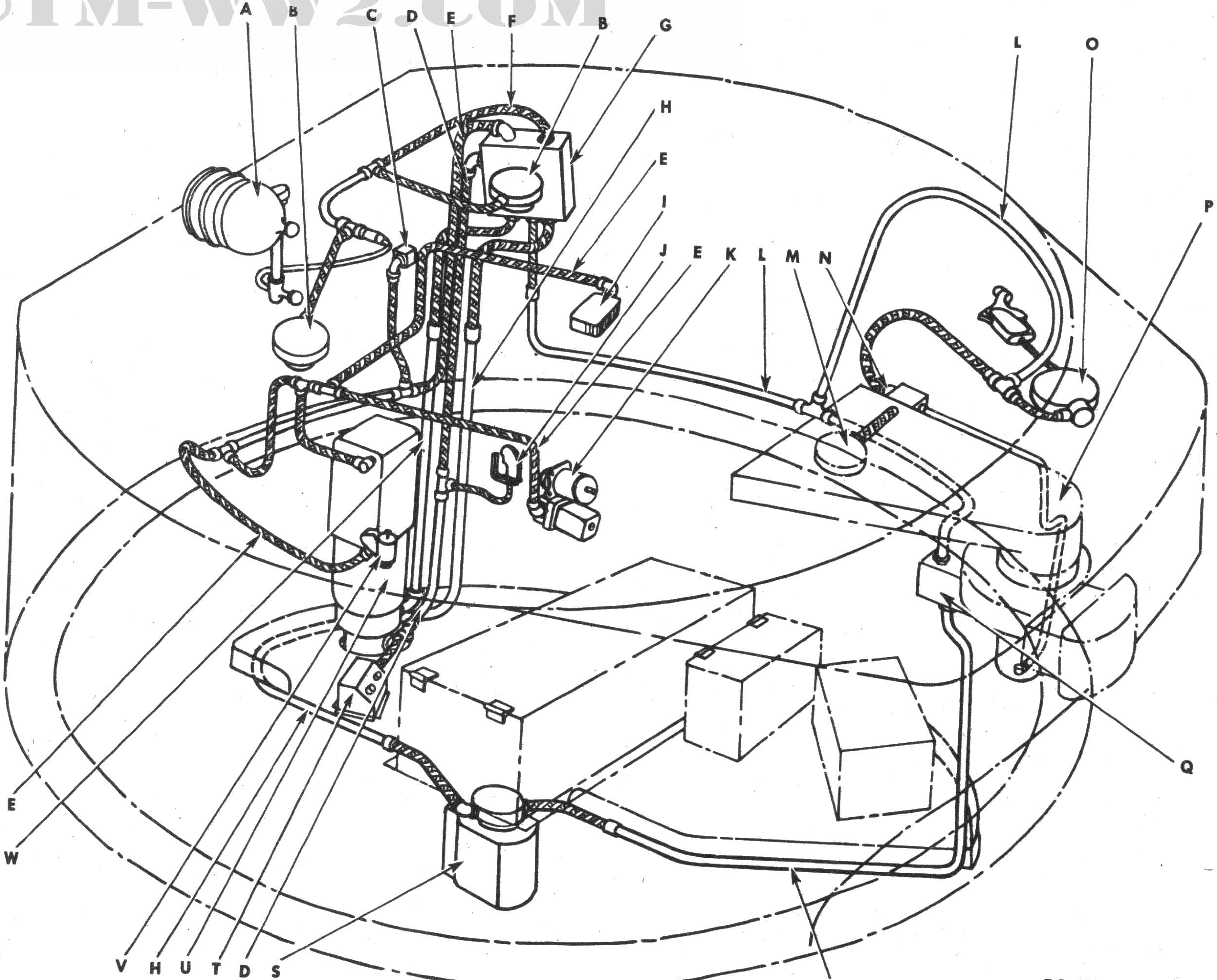
| Key | Item | Part Number | Group |
|---|---|---|---|
| A | CONNECTOR | A383612 | 0611 |
| B | NUT | 121743 | 0611 |
| C | WASHER | 131184 | 0611 |
| D | SPACER | A383624 | 0611 |

RA PD 318337G

**FIGURE 06-31 — HORN ASSEMBLY, C101041C**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | B208671G | B208671 | CLIP, rear dome light, reel and rod wiring system (2), gun firing solenoids and switch wiring system (1), collector ring box to turret radio terminal box (3) | 6 | |
| H-1 | H101-0181558 | | 181558 | | SCREW, hex-hd., S., ¼-28NF-3 x ⅜ | 6 | |
| H-1 | H001-7124701 | | 174916 | | WASHER, lock, internal-external teeth, reg., S., cd-pltd., ¼ x .760 (BEAX-8W-1) | 6 | |
| | | | B208671A | B208671 | CLIP, stabilizer control unit wiring system | 2 | |
| H-1 | H001-1030584 | | 100763 | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NF-2 x ⅜ (BCOX1.1AD) | 2 | |
| H-1 | H001-1518005 | | 106497 | | WASHER, lock, reg., S., No. 10 (BECX1E) | 2 | |
| | | | B208671D | B208671 | CLIP, turret control box to collector ring box | 2 | |
| H-1 | H001-1030582 | | 112872 | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NF-2 x 5/16 (BCOX1.1AC) | 2 | |
| H-1 | H001-1518005 | | 106497 | | WASHER, lock, reg., S., No. 10 (BECX1E) | 2 | |
| | | | C152436W | C152436 | CONDUIT, dome and spotlight harness, tee to dome light box, left | 1 | |
| | | | C152436T | C152436 | CONDUIT, dome and spotlight harness, tee to dome light box, right | 1 | |
| | | | C152436C | C152436 | CONDUIT, tee to spotlight reel, turret | 1 | |
| | | | C152436Q | C152436 | CONDUIT, turret, gun control harness, tee to 76 mm. solenoid | 1 | |
| | | | C152436N | C152436 | CONDUIT, turret, 76 mm. gun control harness, tee to gyro control | 1 | |
| | | | C152436P | C152436 | CONDUIT, turret, 76 mm. gun control harness, tee to hand firing switch | 1 | |
| | | | C152436M | C152436 | CONDUIT, turret, 76 mm. gun control harness, tee to tee, vertical | 1 | |
| | | | C152436L | C152436 | CONDUIT, turret, 76 mm. gun control harness, tee to 30 cal. solenoid | 1 | |
| | | | C152436G | C152436 | CONDUIT, turret, 76 mm. gun control harness, turret control box to tee | 1 | |
| | G402-6575799 | | D75799 | D75799 | CONTROL, gyro, 76 mm. gun, assembly | 1 | |
| | G104-0500910 | | A161615 | A161615 | COUPLING, between tees, 76 mm. gun solenoid tube | 1 | |
| | G104-1569086 | | A226847 | A226847 | ELBOW, turret gun firing foot switch to tube | 1 | |
| | G103-0201641 | | A213876 | A213876 | ELBOW, turret 76 mm. gun control harness vertical tube to elbow | 2 | |
| | G104-5235194 | | A235194 | A235194 | ELBOW, turret slip-ring box to tube | 1 | |
| | G402-5172431 | | A172431 | A172431 | ELBOW, turret traversing mechanism to tube | 1 | |
| | G210-5652331 | | C152331 | C152331 | GASKET, turret slip-ring box cover | 1 | |
| | | 06-32 | C136192 | C136192 | HARNESS, wiring, collector ring box to turret radio terminal box, assembly (No. 18 wire, 343½ in.) (½ in. conduit) | 1 | |
| | | 06-32,33 | 7056124 | | HARNESS, wiring, gun firing solenoids and micro switch, assembly (No. 14 wire, 410 in., No. 18 wire, 753 in.) (⅜, ¼, ⅝ and ½ in. conduit) | 1 | |
| | | 06-32 | 7056240 | | HARNESS, wiring, master control box to turret motor, assembly (No. 2 wire, 54 in.) (⅜ in. conduit) | 1 | |
| | G225-6580492 | 06-32 | D80492 | D80492 | HARNESS, wiring, oil pump and firing switch, assembly (No. 14 wire, 322¼ in., No. 18 wire, 180 in.) (⅜ and ⅝ in. conduit) | 1 | |
| | | 06-32 | 7056287 | | HARNESS, wiring, rear dome light, reel and radio, assembly (No. 6 wire, 108 in. No. 14 wire, 31 in., No. 16 wire, 138 in.) (¼, ⅜ and ½ in. conduit) | 1 | |
| | | 06-32 | 7056304 | | HARNESS, wiring, turret control box to collector ring box, assembly (No. 2 wire, 102 in.) (⅝ in. conduit) | 1 | |
| | | 06-32 | 7056112 | | HARNESS, wiring, turret dome lights and spotlight, assembly (No. 14 wire, 65½ in., No. 18 wire, 16 in.) (⅜ and ¼ in. conduit) | 1 | |
| | G210-5384677 | | A384677 | A384677 | KIT, repair, turret slip-ring box cover (Consists of: | as req. | |
| | G104-1526216 | | A265482 | A265482 | 10 BRUSH, radio | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-1526217 | | A265484 | A265484 | 8 BRUSH, power contact | |
| | G104-1789604 | | A265478 | A265478 | 4 SPRING, power contact brush | |
| | G200-5384631 | | A384631 | A384631 | 5 SPRING, radio brush) | |
| H-4 | H004-0503061 | | A213567C | A213567 | NUT, lock, turret slip-ring box to elbow | 1 |
| H-1 | H001-4039521 | | 503380 | | NUT, safety, S., cd-pltd., 5/16-24NF-3 (slip-ring box mounting plate) (BBWX1-BA-1) | 4 |
| | G104-5345908 | 06-32 | A345908 | A345908 | PLUG, connector, turret blower | 1 |
| | G402-5226554 | | A226554 | A226554 | PLUG, gun firing solenoids and micro switch wiring system | 1 |
| | G212-7008903 | | B300474 | B300474 | RELAY, 76 mm. gun solenoid | 1 |
| | G212-6300476 | 06-32 | B300476 | B300476 | RELAY and SOLENOIDS, 76 mm. gun, assembly | 1 |
| | G402-6300603 | | B300603 | B300603 | RESISTOR, turret gyro-stabilizer control | 1 |
| | G402-7035012 | | A223272B | A223272 | RHEOSTAT, stiffness control, turret | 1 |
| | G402-5223272 | | A223272A | A223272 | RHEOSTAT, 76 mm. gun recoil control, turret | 1 |
| H-1 | H001-1013212 | | 216253 | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ½ (slip-ring box cover) (BCBX5B) | 5 |
| H-1 | H101-0193224 | | 420125 | | SCREW, mach., fl-hd., S., cd-pltd., 5/16-24NF-2 x ¾ (slip-ring box mounting plate) (BCLX1.1DH-1) | 4 |
| | M001-0111260 | | A166054 | A166054 | SOCKET, turret dome light wiring system, assembly | 1 |
| | G134-0389053 | 06-32 | B194212 | B194212 | SOLENOID, 30 cal. gun, assembly | 1 |
| | G212-6300473 | | B300473 | B300473 | SOLENOID, 76 mm. gun, assembly | 1 |
| | G104-5345877 | | A345877 | A345877 | SPACER, turret dome light wiring system plug | 1 |
| | G104-1789604 | | A265478 | A265478 | SPRING, power contact brush, turret slip-ring box | 4 |
| | G200-5384631 | | A384631 | A384631 | SPRING, radio brush, turret slip-ring box | 5 |
| | G103-1793690 | 06-33 | B200102 | B200102 | SWITCH, foot switch box, assembly (76 mm. gun and 30 cal. gun) | 2 |
| H-1 | H001-0725640 | | 503338 | | NUT, safety, ¼-28NF-3 (BBSX4AA) | 2 |
| H-1 | H001-1030683 | 06-33 | 422267 | | SCREW, mach., rd-hd., S., ¼-28NF-2 x 2 (BCOX1.1CR) | 2 |
| | G402-6201152 | 06-32 | B201152 | B201152 | SWITCH, gun firing recoil, assembly | 1 |
| H-1 | H001-0725640 | | 503338 | | NUT, safety, S., ¼-28NF-3 (BBSX4AA) | 4 |
| H-1 | H001-1013213 | | 215912 | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ¾ (BCBX1AA) | 4 |
| | G402-6337927 | 06-32 | B337927 | B337927 | SWITCH, 76 mm. gun anti-back lash, assembly | 1 |
| H-1 | H001-1030673 | | 149495 | | SCREW, mach., rd-hd., S., ¼-28NF-2 x ½ (BCOX1.1CF) | 2 |
| H-1 | H001-1518007 | | 140145 | | WASHER, lock, reg., S., ¼ (BECX1G) | 2 |
| | G104-0504426 | | A213672 | A213672 | TEE, rear dome light to spotlight reel tube (1), coupling to 76 mm. gun solenoid tube (1), and front right and left dome light conduit to tube (2) | 4 |
| | G081-0180810 | | A213735 | A213735 | TEE, turret control box to traversing mechanism tube and 30 cal. solenoid conduit to horizontal tube | 2 |
| | G104-3096002 | | A246014 | A246014 | TEE, vertical tube to coupling, turret control box to radio terminal box tube, traversing mechanism to foot switch tube | 3 |
| | | | A349513 | A349513 | TUBE, dome and spotlight harness, turret control box to tee | 1 |
| | | | D82186 | D82186 | TUBE, rear dome light and spotlight reel harness, turret control box to tee | 1 |
| | | | C152432 | C152432 | TUBE, tee to turret radio terminal box | 1 |
| | | | C152750 | C152750 | TUBE, turret control box to slip-ring box | 1 |
| | | | B337790 | B337790 | TUBE, turret control box to traversing mechanism | 1 |
| | | | B300617 | B300617 | TUBE, turret dome and spotlight harness, tee to tee | 1 |
| | | | B337771 | B337771 | TUBE, turret foot switch harness, tee to tee | 1 |
| | | | C152436H | C152436 | TUBE, turret gun control harness, tee to elbow, vertical | 1 |
| | | | B337816 | B337816 | TUBE, turret gun control harness, tee to tee, horizontal | 1 |
| | | | C152749 | C152749 | TUBE, turret radio terminal box to slip-ring box | 1 |
| | | | A349522 | A349522 | TUBE, turret rear dome light and reel harness, tee to tee | 1 |
| | G183-6582188 | | D82188 | D82188 | TUBE, turret rear dome light to tee | 1 |
| | | | B301320 | B301320 | TUBE, turret traversing mechanism and foot switch harness, turret control box to tee | 1 |



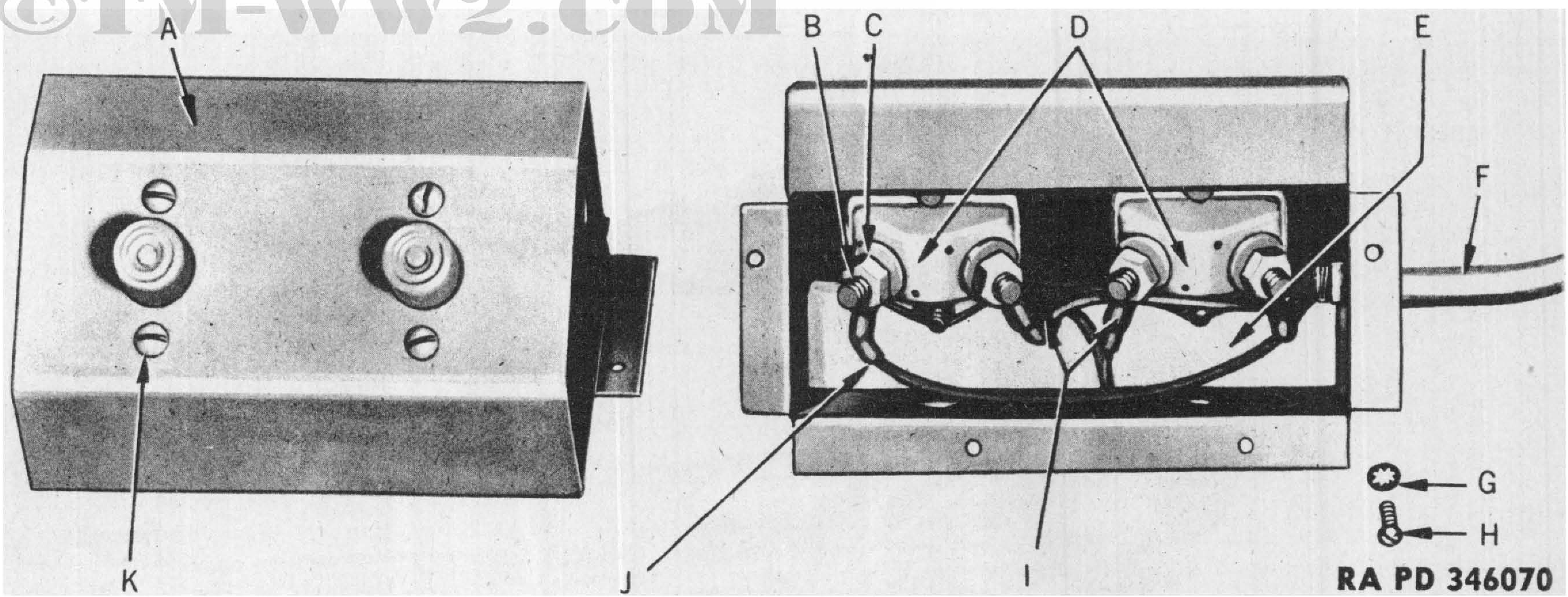

RA PD 335305

# FIGURE 06-32 — TURRET ELECTRICAL INSTALLATION

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SPOTLIGHT, ass'y | D78079 | 0609.2 |
| B | LIGHT, ass'y | 7067074 | 0609.2 |
| C | SWITCH, ass'y | B337927 | 0613.2 |
| D | HARNESS | D80492 | 0613.2 |
| E | HARNESS | 7056124 | 0613.2 |
| F | HARNESS | 7056112 | 0613.2 |
| G | BOX, ass'y | 7007926 | 0613.2 |
| H | HARNESS | 7056304 | 0613.2 |
| I | SWITCH, ass'y | B201152 | 0613.2 |
| J | HANDLE, ass'y | C101074 | 1903 |
| K | RELAY, ass'y | B300476 | 0613.2 |
| L | HARNESS | 7056287 | 0613.2 |
| M | LIGHT, ass'y | 7067074 | 0609.2 |
| N | PLUG | A345908 | 0613.2 |
| O | REEL, ass'y | C100412 | 0609.2 |
| P | BLOWER, ass'y | D80511 | 0616 |
| Q | BOX, ass'y | C100443 | 0613.2 |
| R | HARNESS | C136192 | 0613.2 |
| S | BOX, ass'y | D82138 | 0614 |
| T | BOX, ass'y | C96713 | 0613.2 |
| U | MOTOR, ass'y | D50914 | 1903 |
| V | SOLENOID, ass'y | B194212 | 0613.2 |
| W | HARNESS | 7056240 | 0613.2 |

RA PD 335305C

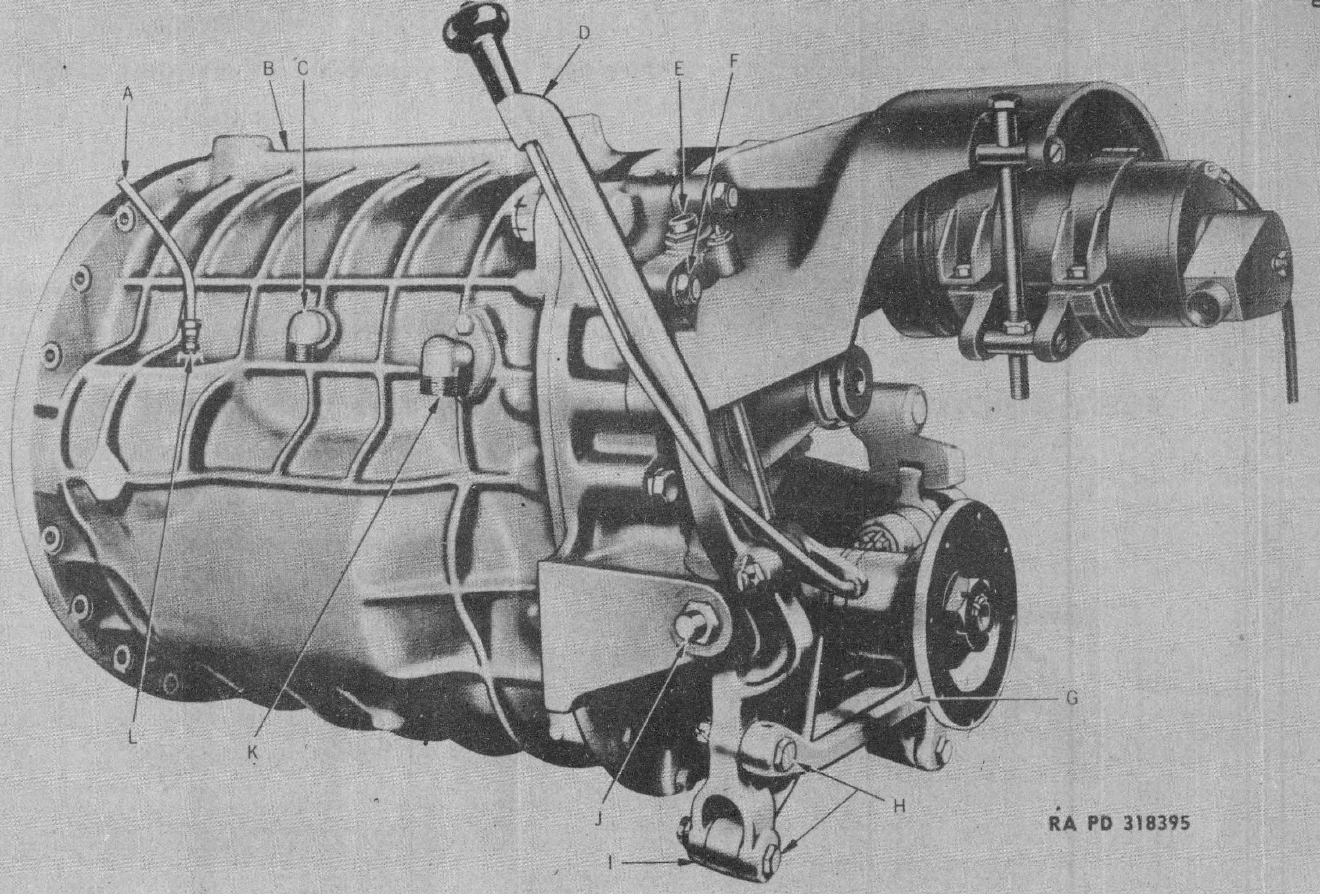
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | B337770 | B337770 | TUBE, turret traversing mechanism harness, upper | 1 | |
| | | | B337791 | B337791 | TUBE, turret traversing mechanism motor and foot switch harness, tee to tee motor connection | 1 | |
| H-1 | H001-7124721 | | 178542 | | WASHER, lock, internal-external teeth, reg., S., cd-pltd., 5/16 x 1.070 (slip-ring box mounting plate) (BEAX8AD-1) | 4 | |
| H-1 | H001-7124911 | | 178532 | | WASHER, lock, internal-external teeth, reg., S., cd-pltd., 5/16 x .900 (turret slip-ring box cover) (BEAX8AB-1) | 5 | |
| H-1 | H001-7045561 | | 120387 | | WASHER, plain, S., cd-pltd., SAE std., 5/6 (turret slip-ring box mounting plate) (BEBX2C-1) | 4 | |
| | | | | | **0614—TURRET COLLECTOR RING BOX** | | |
| | G212-5636145 | | C136145 | C136145 | BOX, collector ring, w/PLATE, assembly | 1 | |
| | G104-6582138 | 06-32 | D82138 | D82138 | BOX, collector ring, assembly | 1 | |
| H-1 | H001-1023744 | | 420635 | | SCREW, mach., fl-hd., S., 5/16-24NF-2 x ¾ (BCLX1.1DH) | 4 | |
| | G210-5384677 | | A384677 | A384677 | KIT, repair, collector ring box, assembly | as req. | |
| | | | | | (Consists of: | | |
| | G104-1526216 | | A265482 | A265482 | 10 BRUSH, radio | | |
| | G104-1526217 | | A265484 | A265484 | 8 BRUSH, power contact | | |
| | G104-1789604 | | A265478 | A265478 | 4 SPRING, power contact brush | | |
| | G200-1793690 | | A384631 | A384631 | 5 SPRING, radio brush) | | |
| | G200-6298188 | | B298188 | B298188 | PLATE, mounting, collector ring | 1 | |
| H-1 | H001-4039541 | | 145055 | | NUT, lock, hex., S., ⅜-24NF-2 | 4 | |
| H-1 | H001-5421261 | | 120647 | | SCREW, cap, hex-hd., S., ⅜-24NF-3 x 1 (BCVX2FL) | 4 | |
| H-1 | H001-7043741 | | 120394 | | WASHER, plain, S., ⅜ (BEBX1K) | 4 | |
| | | | B298267 | B298267 | YOKE, mounting, collector ring box | 1 | |
| H-1 | H001-1013003 | | 123390 | | SCREW, cap, hex-hd., S., ¼-20NC-2 x ¾ (BCAX1AA) | 2 | |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., ¼ (BECX1G) | 2 | |
| | | | | | **0616—VENTILATING EQUIPMENT** | | |
| | G212-6580511 | 06-32 | D80511 | D80511 | BLOWER, turret ventilating, assembly | 1 | |
| | | 06-24 | 7068160 | | FAN, hull ventilating, assembly | 1 | |
| H-1 | H101-0123599 | | 123599 | | BOLT, hex-hd., S., cd-pltd., ½-20NF-3 x ⅞ (BCVX2LK-1) | 12 | |
| | | | 125652 | | SCREW, fl-hd., S., cd-pltd., ½-20 x 1¼ | 24 | |
| H-1 | H001-7124781 | | 178591 | | WASHER, lock, internal-external teeth, reg., S., cd-pltd., ½ x 1.245 (BEAX8AQ-1) | 48 | |
| | G212-6298268 | | B298268 | B298268 | GASKET, turret blower (.032 thk.) | 1 | |
| | G212-6298263 | | B298263 | B298263 | GASKET, hull ventilating fan (.008-.012 thk.) | 1 | |




## FIGURE 06-33 — TURRET GUN FIRING FOOT SWITCH BOX ASSEMBLY, C96713

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BOX | C96712 | 0613.2 |
| B | SCREW (furnished only as part of SWITCH ass'y, B200102) | | 0613.2 |
| C | NUT (furnished only as part of SWITCH ass'y, B200102) | | 0613.2 |
| D | SWITCH, ass'y | B200102 | 0613.2 |
| E | WIRE (furnished only as part of HARNESS, 7056124) | | 0613.2 |
| F | CONDUIT (furnished only as part of HARNESS, 7056124) | | 0613.2 |
| G | WASHER | 178378 | 0613.2 |
| H | SCREW | 121540 | 0613.2 |
| I | WIRE (furnished only as part of HARNESS, 7056124) | | 0613.2 |
| J | WIRE (furnished only as part of HARNESS, 7056124) | | 0613.2 |
| K | SCREW | 422267 | 0613.2 |

RA PD 346070A


A
B
C
D
E
F
G
H
I
J
K
L
RA PD 318395

# FIGURE 07-1 — TRANSMISSION w/TACHOMETER DRIVE ASSEMBLY 7001482 AND GENERATOR w/CRADLE

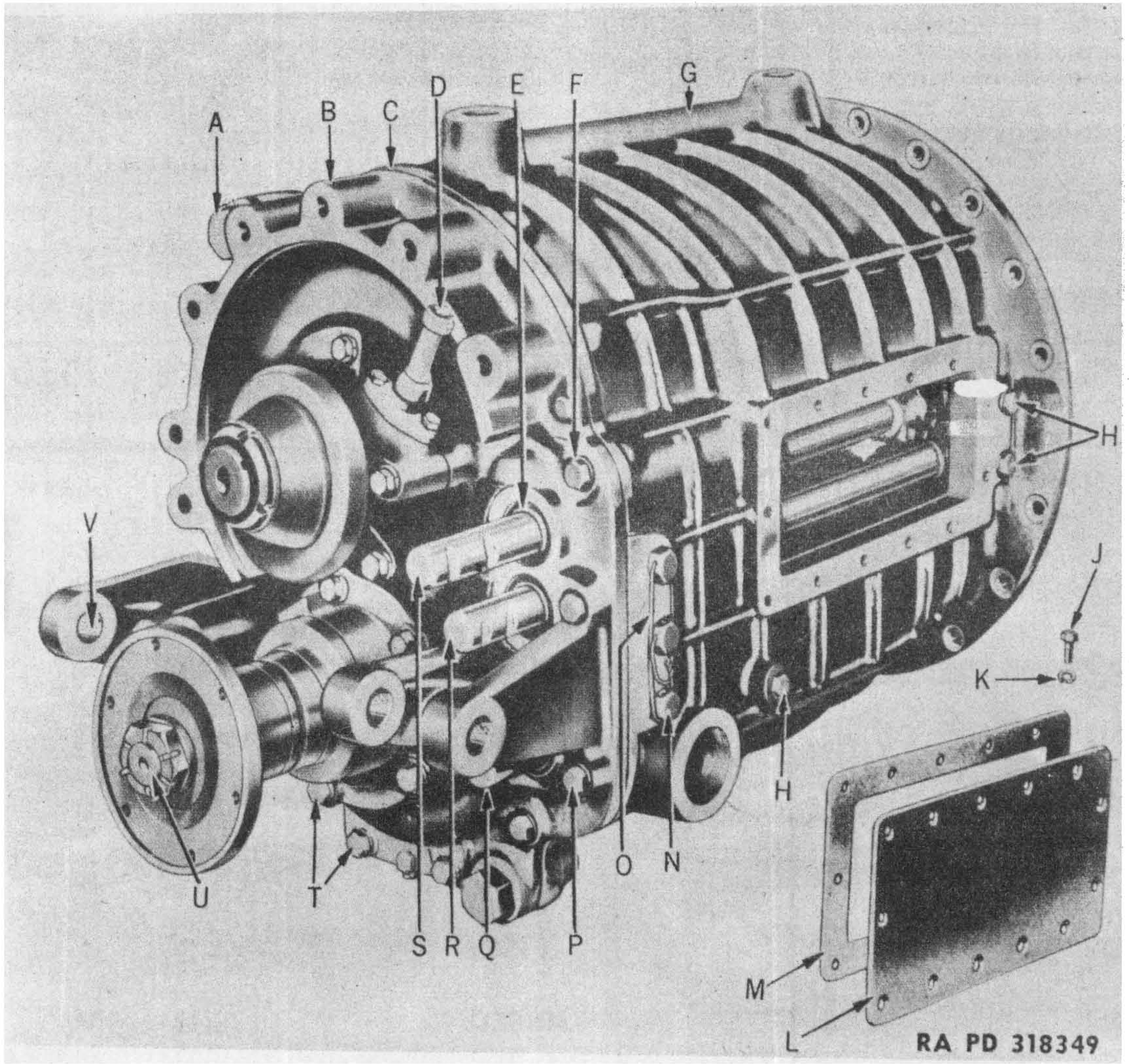
| Key | Item | Part Number | Group |
|---|---|---|---|
| A | TUBE | D78108 | 1005.6 |
| B | CASE | E8514 | 0701 |
| C | ELBOW | 144113 | 0706.6 |
| D | LEVER, ass'y | D50999 | 0704 |
| E | SLEEVE, ass'y | A381114 | 2208.2 |
| F | BRACKET | D90003 | 0601.1 |
| G | LINK, ass'y | B197517 | 0704 |
| H | BOLT | A226511-4 | 0704 |
| I | YOKE, ass'y | B209790 | 0704 |
| J | SHAFT | B197451-2 | 0704 |
| K | ELBOW, ass'y | B208801E | 0706.6 |
| L | CONNECTOR | B183358E | 1005.6 |

RA PD 318395C



## GROUP 07 — TRANSMISSION

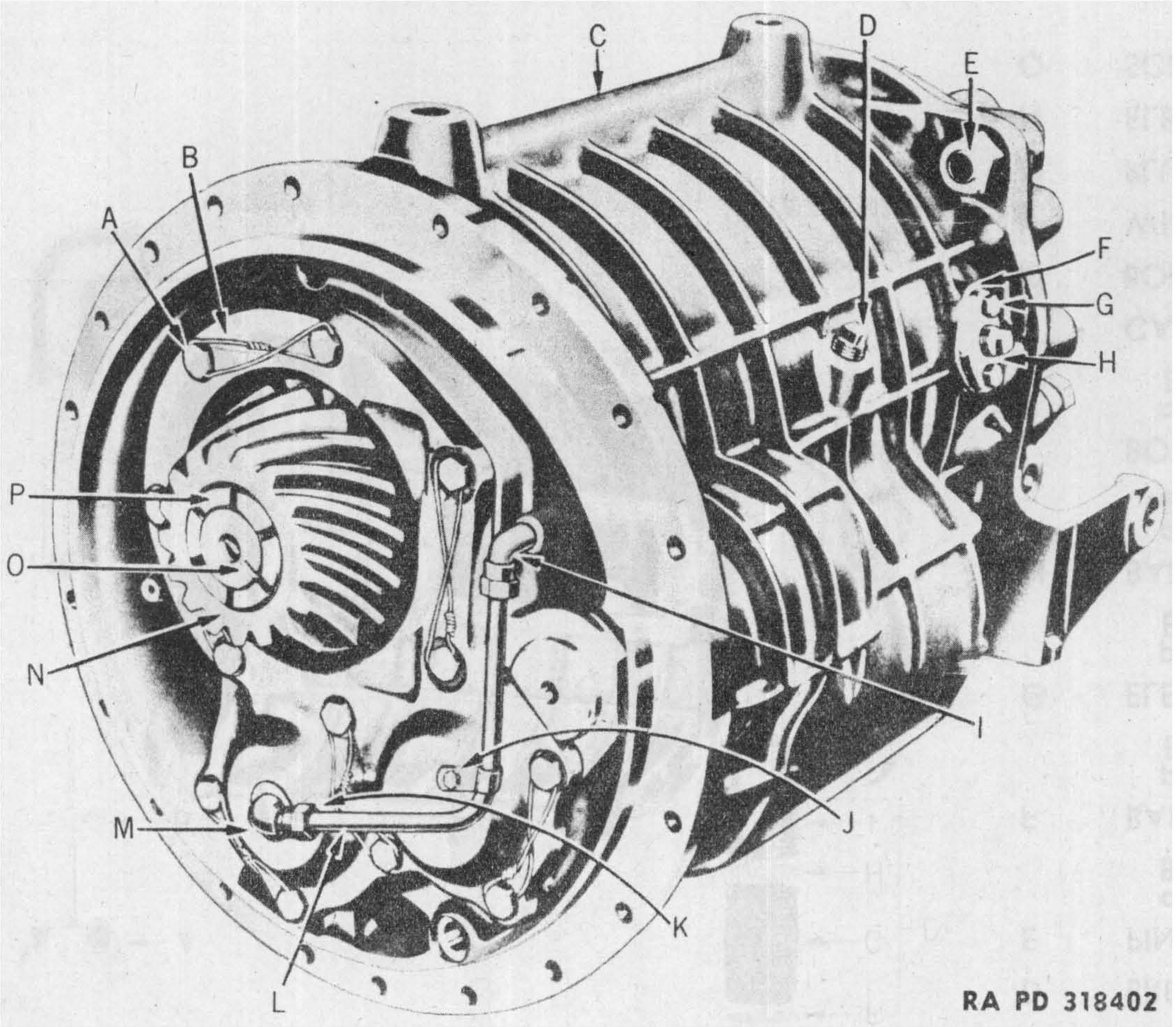
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | **0700—TRANSMISSION ASSEMBLY** | | |
| | G104-0304570 | | A169717 | A169717 | PAD, transmission rear support | | |
| | | 07-1,10-1,2 | 7001482 | | TRANSMISSION, w/o bevel PINION, assembly (Includes: tachometer drive ADAPTER) | 1 | |
| H-1 | H001-0116055 | 10-1,2 | 227651 | | BOLT, hex-hd., s-fin., alloy-S., ½-13NC-2 x 1½ (BANX1EE) (optional with STUD, G104-0401973) | 17 | |
| H-1 | H001-0725680 | | 503322 | | NUT, safety, S., ½-20NF-3 (BBSX4AE) (use with STUD, G104-0401973) | 17 | |
| | G104-0401973 | | A227930 | A227930 | STUD, case to differential carrier (½-13NC-5 (⅞) x 2⁵⁄₁₆ x ½-20NF-3 (⅞) (optional with BOLT, H001-0116055) | 17 | |
| H-1 | H001-1518011 | | 103323 | | WASHER, lock, reg., S., ½ (BECX1M) (use with BOLT, H001-0116055) | 17 | |
| | | | | | **0701—TRANSMISSION CASE, CAPS, COVERS, FILLER AND OIL SEALS** | | |
| | G104-0400390 | | E1238-5 | E1238-5 | CAP, bearing, transmission case, front (for transmission w/o forces feed lubrication on input shaft) | 1 | |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BOLT | A175983 | 0701 |
| B | COVER, ass'y | A294694 | 0701 |
| C | GASKET | D47832 | 0701 |
| D | SLEEVE | A213812 | 2208.1 |
| E | OIL SEAL, ass'y | A217377 | 0701 |
| F | BOLT | 227656 | 0701 |
| G | CASE | E8514 | 0701 |
| H | RETAINER | A175984 | 0704 |
| J | BOLT | 227477 | 0701 |
| K | WASHER | 115549 | 0701 |
| L | COVER | C77573 | 0701 |
| M | GASKET | C77575 | 0701 |
| N | BOLT | A217315-3 | 0704 |
| O | WIRE | BFWX1B | 0704 |
| P | BOLT | 218315 | 0701 |
| Q | SHAFT | C77571 | 0704 |
| R | SHAFT | D46216-4 | 0704 |
| S | SHAFT | C77570 | 0704 |
| T | BOLT | 227651 | 0701 |
| U | SHAFT | E8516 | 0702.1 |
| V | BUSHING | A217326 | 0704 |

RA PD 318349E

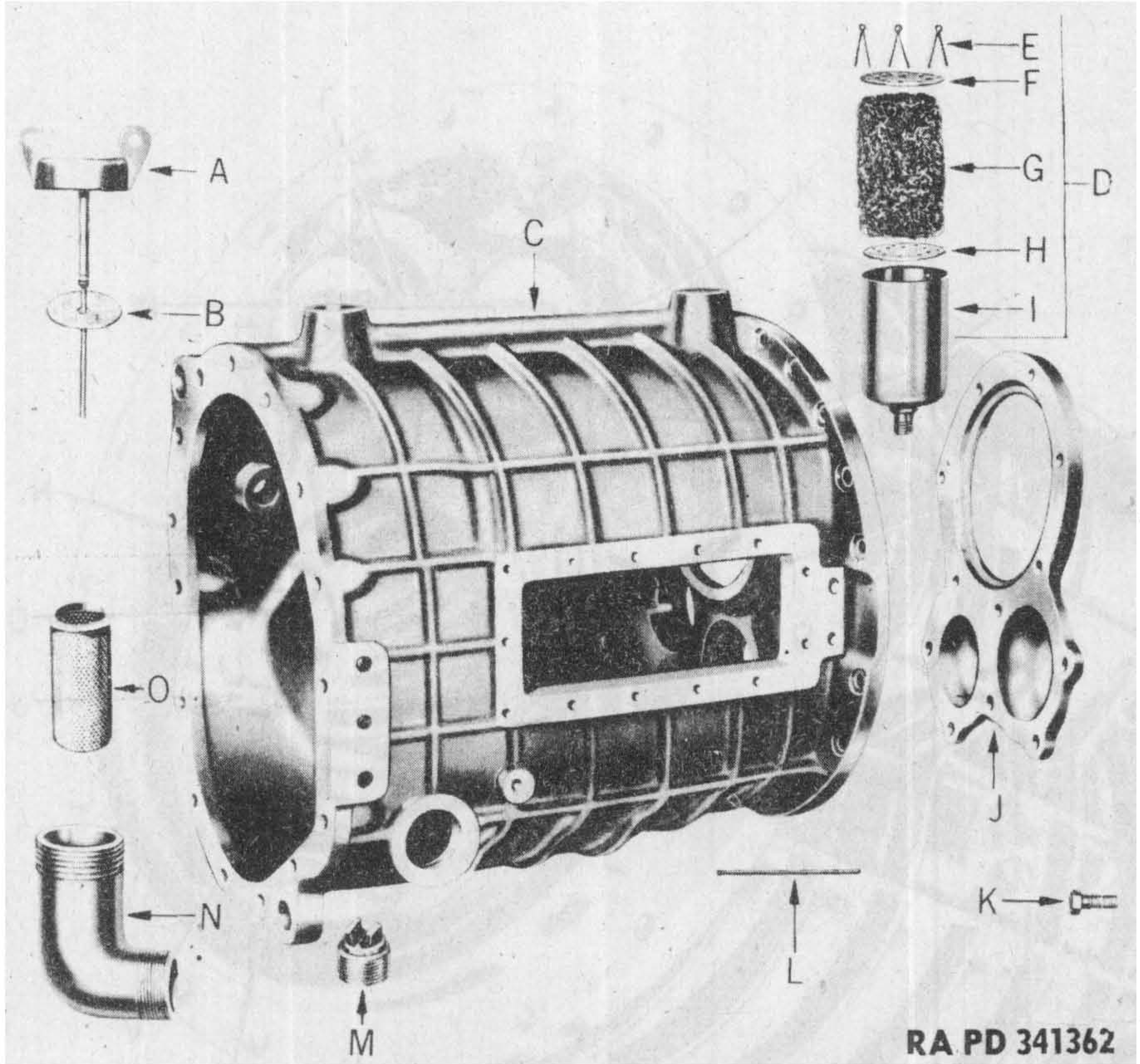
**FIGURE 07-2 — TRANSMISSION — PARTIAL ASSEMBLY — REAR SIDE VIEW**




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BOLT | 228015 | 0701 |
| B | WIRE | BFWX1B | 0701 |
| C | CASE | E8514 | 0701 |
| D | PLUG | A164342D | 0701 |
| E | NUT | 503366 | 0701 |
| F | GASKET | A176010 | 0701 |
| G | BOLT | 227531 | 0702.2 |
| H | STEM | B209392 | 0702.2 |
| I | ELBOW | B183361E | 0706.6 |
| J | CLIP | A326472 | 0706.6 |
| K | INLET | A326491 | 0706.6 |
| L | TUBE | C100486 | 0706.6 |
| M | CAP | E8515 | 0701 |
| N | PINION | C77535AG | 0702.2 |
| O | PIN | 103391 | 0702.2 |
| P | NUT | A217370 | 0702.2 |

RA PD 318402E

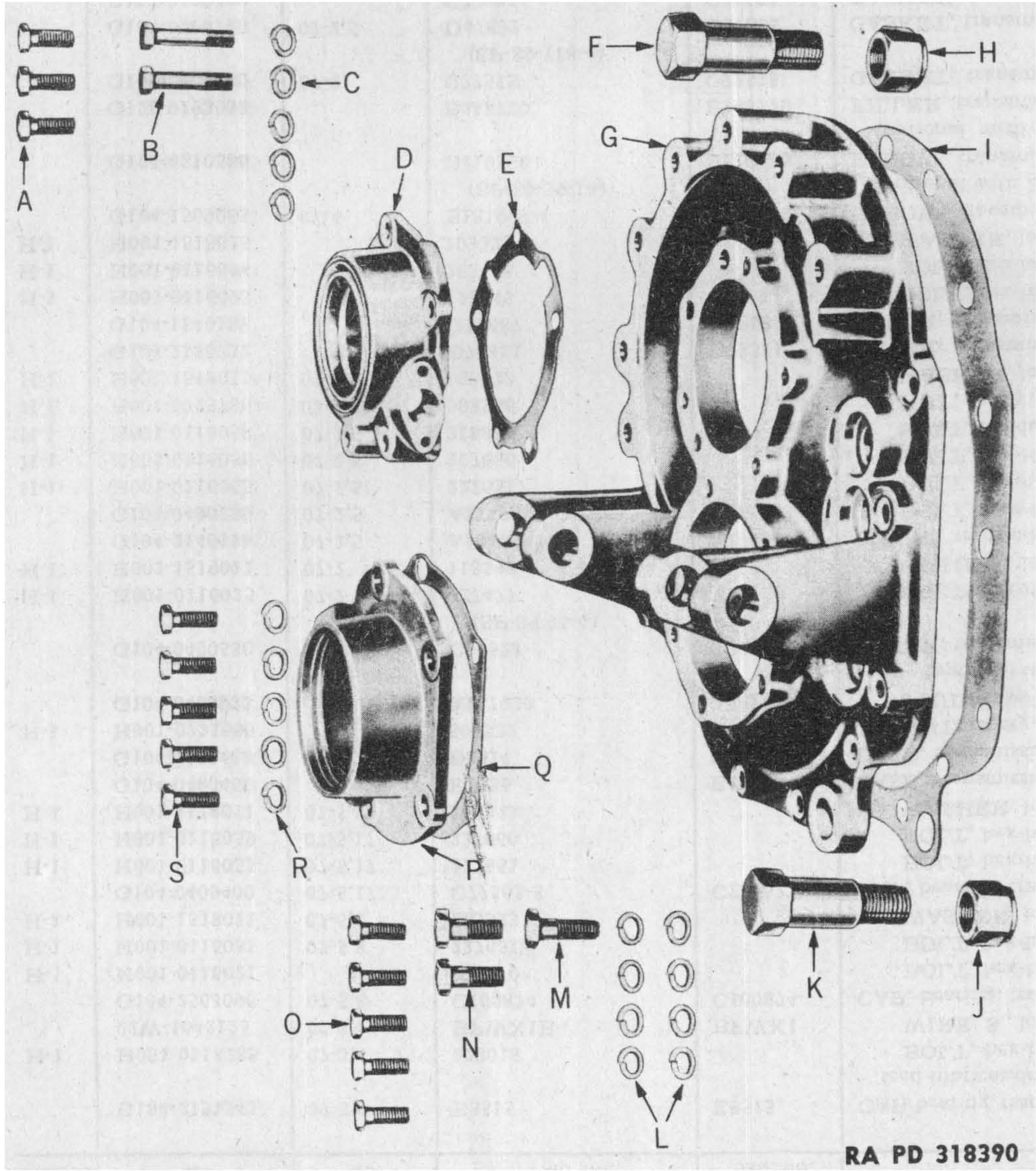
FIGURE 07-3 — TRANSMISSION — PARTIAL ASSEMBLY — FRONT SIDE VIEW




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | INDICATOR, ass'y | A217384 | 0701 |
| B | GASKET | A217357 | 0701 |
| C | CASE | E8514 | 0701 |
| D | BREATHER, ass'y | B200254 | 0706.5 |
| E | PIN (furnished only as part of BREATHER ass'y, B200254) | | 0706.5 |
| F | BAFFLE (furnished only as part of BREATHER ass'y, B200254) | | 0706.5 |
| G | ELEMENT (furnished only as part of BREATHER ass'y, B200254) | | 0706.5 |
| H | BAFFLE (furnished only as part of BREATHER ass'y, B200254) | | 0706.5 |
| I | BODY (furnished only as part of BREATHER ass'y, B200254) | | 0706.5 |
| J | CAP | E8515 | 0701 |
| K | BOLT | 228015 | 0701 |
| L | WIRE | BFWX1B | 0701 |
| M | PLUG | A172172D | 0701 |
| N | ELBOW | B181929-4 | 0701 |
| O | SCREEN, ass'y | B181958 | 0701 |

RA PD 341362C

**FIGURE 07-4 — TRANSMISSION CASE, FRONT CAP, OIL INDICATOR AND BREATHER — EXPLODED VIEW**




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BOLT | 227651 | 0701 |
| B | BOLT | 227660 | 0701 |
| C | WASHER | 103323 | 0701 |
| D | CAP | C77562-8 | 0701 |
| E | GASKET | C77583 | 0701 |
| F | BOLT | A175983 | 0701 |
| G | COVER, ass'y | A294694 | 0701 |
| H | NUT | 503366 | 0701 |
| I | GASKET | D47832 | 0701 |
| J | NUT | 503366 | 0701 |
| K | BOLT | A175983 | 0701 |
| L | WASHER | 103323 | 0701 |
| M | BOLT | 227656 | 0701 |
| N | BOLT | 218315 | 0701 |
| O | BOLT | 227651 | 0701 |
| P | CAP | C100874 | 0701 |
| Q | GASKET | C77582 | 0701 |
| R | WASHER | 103323 | 0701 |
| S | BOLT | 227651 | 0701 |

RA PD 318390E

FIGURE 07-5 — TRANSMISSION CASE COVER AND BEARING RETAINERS

# GROUP 07 — TRANSMISSION

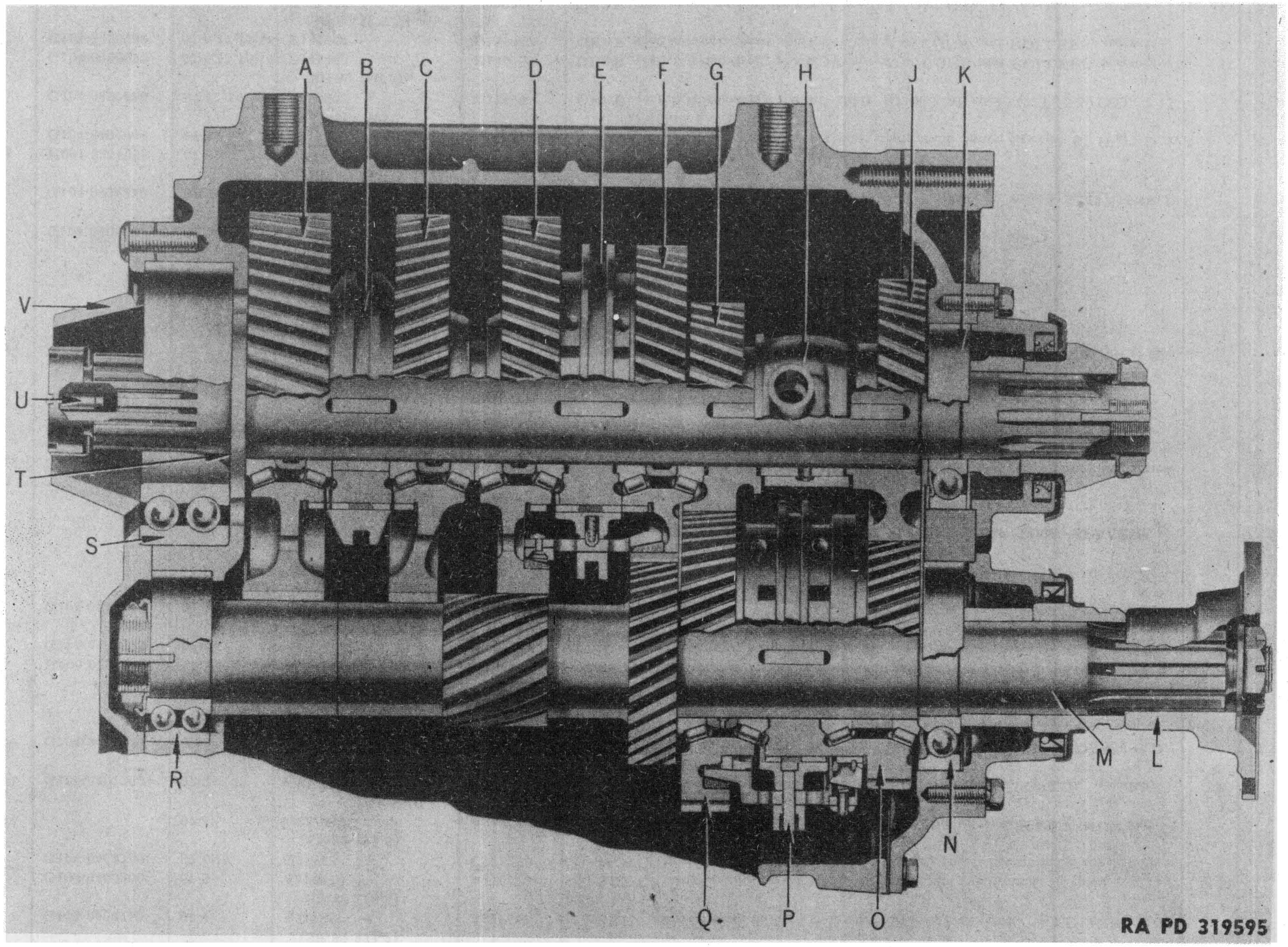


| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-2131543 | 07-3,4 | E8515 | E8515 | CAP, bearing, transmission input and countershaft, front (for transmission w/forced feed lubrication) | 1 | |
| H-1 | H001-0118283 | 07-3,4 | 228015 | | BOLT, hex-hd., alloy-S., dld. f/lkg-wire., ½-13NC-2 x 1⅜ (BANX5AE) | 12 | |
| | 22W-1642125 | 07-3,4 | BFWX1B | BFWX1 | WIRE, S., low-carbon, black anld., .0625 in. diam | as req. | |
| | G104-2563096 | 07-5,8 | C100874 | C100874 | CAP, bearing, transmission input shaft, rear | 1 | |
| H-1 | H001-0116021 | | 227470 | | BOLT, hex-hd., s-fin., alloy-S., 5/16-18NC-2 x 2½ (BANX1BK) | 1 | |
| H-1 | H001-0116055 | 07-5,8 | 227651 | | BOLT, hex-hd., s-fin., alloy-S., ½-NC-2 x 1½ (BANX1EE) | 5 | |
| H-1 | H001-1518011 | 07-5,8 | 103323 | | WASHER, lock, SAE std., S., ½ (BECX1M) | 5 | |
| | G104-0400400 | 07-5,17 | C77562-8 | C77562 | CAP, bearing, transmission output shaft, rear | 1 | |
| H-1 | H001-0116055 | 07-5,17 | 227651 | | BOLT, hex-hd., s-fin., alloy-S., ½-13NC-2 x 1½ (BANX1EE) | 3 | |
| H-1 | H001-0116059 | 07-5,17 | 227660 | | BOLT, hex-hd., s-fin., alloy-S., ½-13NC-2 x 2½ (BANX1EK) | 2 | |
| H-1 | H001-1518011 | 07-5,17 | 103323 | | WASHER, lock, SAE std., S., ½ (BECX1M) | 5 | |
| | G104-0400460 | | E1236 | E1236 | CASE, transmission (w/o forced feed lubrication on input shaft) | 1 | |
| | G104-2131613 | 07-1,2,3,4 | E8514 | E8514 | CASE, transmission (w/forced feed lubrication on input shaft) | 1 | |
| H-1 | H001-0725680 | | 503322 | | NUT, safety, S., ½-20NF-3 (BBSX4AE) (use with STUD, G104-0401973) | 17 | |
| | G104-0401973 | | A227930 | A227930 | STUD, case to differential carrier (½-13NC-5 (⅞) x 2 5/16 x ½-20NF-3 (⅞) (optional with BOLT, H001-0116055) | 17 | |
| | G104-0400530 | 07-2 | C77573 (SP-89-96-4) | C77573 | COVER, transmission case inspection hole | 1 | |
| | | | | | | 13 | |
| H-1 | H001-0116025 | 07-2 | 227477 | | BOLT, hex-hd., s-fin., alloy-S., ⅜-16NC-2 x ⅞ (BANX1CB) | 13 | |
| H-1 | H001-1519011 | 07-2 | 115549 | | WASHER, lock, internal teeth, reg., S., ⅜ (BEAX1L) | 1 | |
| | G104-2140114 | 07-2,5 | A294694 | A294694 | COVER, transmission case, rear end, w/BUSHING, assembly | | |
| | G104-0400230 | 07-2,5 | A175983 | A175983 | BOLT, dowel, transmission end cover (hex-hd., S., 1¼ diam., 1-14NF-2 x 3¼) | 2 | |
| H-1 | H001-0116055 | 07-2,5 | 227651 | | BOLT, hex-hd., s-fin., alloy-S., ½-13NC-2 x 1½ (BANX1EE) | 5 | |
| H-1 | H001-0116056 | 07-2.5 | 227656 | | BOLT, hex-hd., s-fin., alloy-S., ½-13NC-2 x 1¾ (BANX1EF) | 1 | |
| H-1 | H001-0116058 | 07-2,5 | 218315 | | BOLT, hex-hd., s-fin., alloy-S., ½-13NC-2 x 2¼ (BANX1EH) | 2 | |
| H-1 | H001-0725730 | 07-3,5 | 503366 | | NUT, safety, S., 1-14NF-3 (dowel bolt) (BBSX4AL) | 2 | |
| H-1 | H001-1518011 | 07-5 | 103323 | | WASHER, lock, SAE, std., S., ½ (BECX1M) | 8 | |
| | G104-2580232 | | D78311 | D78311 | COVER, transmission output shaft (for transmission w/tachometer drive) | 1 | |
| | G104-1540187 | | D58687 | D58687 | COVER, transmission output shaft (for transmission w/o parking brake) | 1 | |
| H-1 | H001-0116093 | | 223445 | | BOLT, hex-hd., s-fin., alloy-S., ⅝-11NC-2 x 4½ (BANX2BQ) | 5 | |
| H-1 | H001-0116094 | | 223446 | | BOLT, hex-hd., s-fin., alloy-S., ⅝-11NC-2 x 4½ (BANX2BR) | 2 | |
| H-1 | H001-1518013 | | 103325 | | WASHER, lock, SAE std., ⅝ (BECX1P) | 5 | |
| | G104-1569065 | 07-4 | B181929-4 (SP-89-39-14) | B181929 | ELBOW, transmission oil filler (M.I. 2-11½ NPT male and 2⅜-16NS-2 male) (optional with ELBOW, G104-6210586) | 1 | |
| | G104-6210586 | | B210586 | B210586 | ELBOW, transmission oil filler (M.I. 2-11½ NPT male and 2⅜-16NS-2 male) (optional with ELBOW, G104-1569065) | 1 | |
| | G128-0183053 | | B243720 | B243720 | FILLER, transmission oil | 1 | |
| | G104-0400780 | 07-2 | C77575 (SP-89-118-4) | C77575 | GASKET, transmission case inspection hole cover (vellumoid 1/32 thk.) | 1 | |
| | G104-0400790 | 07-2,5 | D47832 | D47832 | GASKET, transmission case rear end cover (vellumoid 1/32 thk.) | 1 | |
| | G104-0400788 | | C77584 (SP-89-223-10) | C77584 | GASKET, transmission input and output shaft front bearing cap (vellumoid, 1/32 thk.) | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0400791 | 07-5,8 | C77582 (SP-89-223-7) | C77582 | GASKET, transmission input shaft rear bearing cap (vellumoid, 1/32 thk.) | 1 |
| | G104-0400750 | 07-4 | A217357 (SP-89-118-5) | A217357 | GASKET, transmission oil level indicator rod wing nut (cork, 11/32 I.D. x 2 13/32 O.D. x 1/16) | 1 |
| | G104-0400800 | 07-3 | A176010 | A176010 | GASKET, transmission output shaft oil sleeve stem (vellumoid, 1/32 thk.) | 1 |
| | G104-0400789 | 07-5,17 | C77583 (SP-89-223-8) | C77583 | GASKET, transmission output shaft rear bearing cap (vellumoid, 1/32 thk.) | 1 |
| | | 07-4 | A217384 | A217384 | INDICATOR, oil level transmission, assembly (Includes: GASKET, NUT and ROD) | 1 |
| | G104-0401700 | 07-2 | A217377 (VG-60320) | A217377 | OIL SEAL, transmission gear shift rod, assembly (1 1/8 I.D., 1 7/8 O.D., 7/16 width) | 3 |
| | G104-0401710 | 07-8 | B181947 (SP-89-463-7) (NMB-55305) (VG-61079-H) | B181947 | OIL SEAL, transmission input shaft rear bearing, assembly (3 1/2 I.D., 4 1/2 O.D., 9/16 width) | 1 |
| H-6 | H006-0283020 | 07-3 | A164342D | A164342 | PLUG, pipe, for transmission oil pump connection tube (alloy-S., ck., 1/2 in.) | 1 |
| | G104-0401365 | 07-4 | A172172D (LI-503-PD) | A172172 | PLUG, pipe, magnetic, transmission drain (ck., 3/4 in.) | 1 |
| | G104-0401500 | 07-4 | B181958 | B181958 | SCREEN, transmission oil filler pipe, welded assembly (Includes: COLLAR, CUP and SCREEN) | 1 |

## 0702.1—INPUT SHAFT BEARINGS, GEARS, SNAP RING, SPACERS AND SYNCHRONIZER

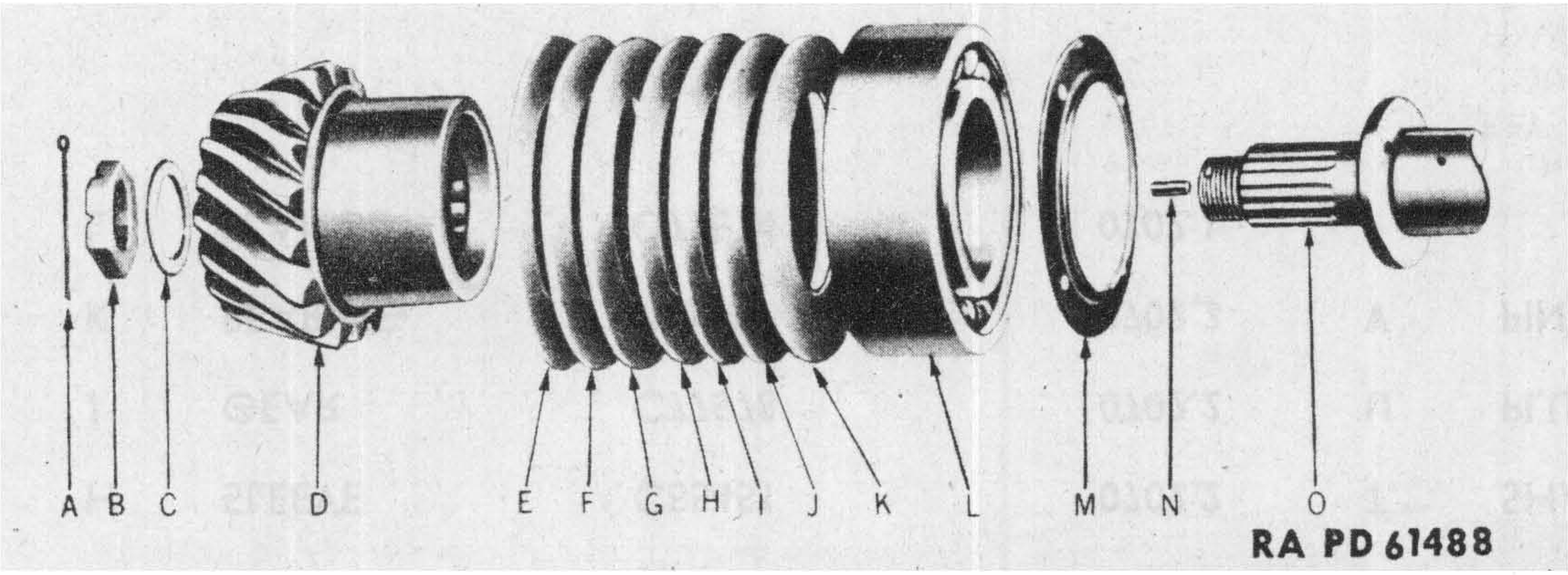
| | | | | | | |
|---|---|---|---|---|---|---|
| H-12 | H012-1902055 | 07-6,11 | 700429 A217348 (SP-89-76-15) (SKF-5311) (MRC-5311R) (ND-5311) | A217348 | BEARING, ball, No. 5311 (type D, annular, double row, regular medium series, 2.1654 bore, 4.7244 O.D., 1.9375 width) (for transmission input shaft, front end) (CABX3AN) | 1 |
| H-12 | H012-1314070 | 07-6,11 | 700395 A217349 (SP-89-76-16) (ND-7614) (SKF-63142) (MRC-314SF) | A217349 | BEARING, ball (annular, single row, 2.7559 bore, 5.9056 O.D., 1.378 width) (for transmission input shaft, rear end) | 1 |
| | G104-0400661 | 07-6,8,11 | C77574 (SP-89-106-3) | C77574 | FLANGE, companion, transmission input shaft (propeller shaft) | 1 |
| | G104-0401210 | 07-8 | A217371 (SP-89-363-J) | A217371 | NUT, transmission input shaft companion flange (hex., crown, S., 1 1/4-16NS-3, 5/8 thk.) | 1 |
| H-1 | H001-0811058 | 07-8 | 103391 | | PIN, cotter, split, S., 1/8 x 2 1/2 (BFAX1DX) | 1 |
| | G104-0402042 | 07-8 | A217310 (SP-705-W) | A217310 | WASHER, transmission input shaft companion flange (special, S., 1 17/64 I.D. x 2 1/2 O.D. x .192 thk.) | 1 |
| | G104-0400880 | 07-11,14 | C77599 (SP-89-466-2) | C77599 | GEAR, clutch, transmission input shaft 4th and 5th speed (27T., 5.59 O.D., 2.13 face) | 2 |
| | G104-0400920 | 07-6,11,15,16 | B146063 | B146063 | GEAR, transmission input shaft, 4th speed, w/CONE and ROLLERS, assembly | 1 |
| | G104-0400930 | 07-6,11,15,16 | B181957 (SP-89-5772X) | B181957 | GEAR, transmission input shaft, 5th speed w/CONE and ROLLERS, assembly | 1 |
| | G104-2692401 | 07-11 | B209769 (SW-448089) | B209769 | GEAR, transmission tachometer drive (8T., 3 3/16 O.D. 3/4 face) | 1 |


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RA PD 319595

## FIGURE 07-6 — TRANSMISSION INPUT AND OUTPUT SHAFTS w/GEARS ASSEMBLY — CROSS SECTION VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | GEAR, ass'y | C55442 | 0702.2 |
| B | COLLAR | C77598 | 0702.2 |
| C | GEAR, ass'y | C55441 | 0702.2 |
| D | GEAR, ass'y | C83721 | 0702.2 |
| E | SYNCHRONIZER, ass'y | C83722 | 0702.2 |
| F | GEAR, ass'y | C83720 | 0702.2 |
| G | GEAR | C77580 | 0702.2 |
| H | SLEEVE | C55451 | 0702.2 |
| J | GEAR | C77578 | 0702.2 |
| K | BEARING | 700393 | 0702.2 |
| L | FLANGE | C77574 | 0702.1 |
| M | SHAFT | E8516 | 0702.1 |
| N | BEARING | 700395 | 0702.1 |
| O | GEAR, ass'y | B146063 | 0702.1 |
| P | SYNCHRONIZER, ass'y | C83719 | 0702.1 |
| Q | GEAR, ass'y | B181957 | 0702.1 |
| R | BEARING | 700429 | 0702.1 |
| S | BEARING | 700228 | 0702.2 |
| T | SHAFT | B1239 | 0702.2 |
| U | PLUG | A217339 | 0702.2 |
| V | PINION | C77535G | 0702.2 |

RA PD 319595G

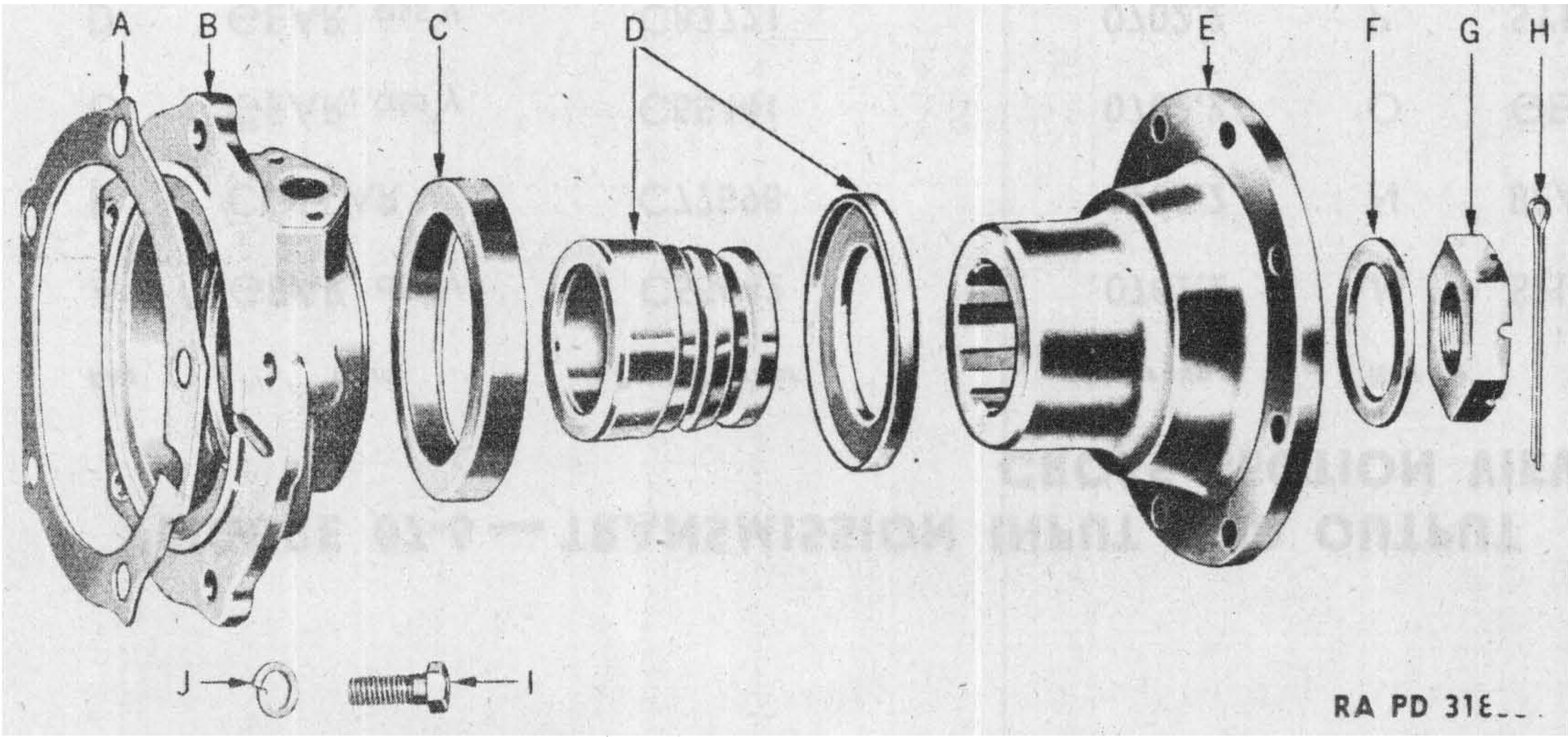



| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PIN | 103391 | 0702.2 |
| B | NUT | A217370 | 0702.2 |
| C | WASHER | A217311 | 0702.2 |
| D | PINION | C77535G | 0702.2 |
| E | SPACER | B208866A | 0702.2 |
| F | SPACER | B208866B | 0702.2 |
| G | SPACER | B208866C | 0702.2 |
| H | SPACER | B208866D | 0702.2 |
| I | SPACER | B208866E | 0702.2 |
| J | SPACER | B208866F | 0702.2 |
| K | SPACER | B208866G | 0702.2 |
| L | BEARING | 700228 | 0702.2 |
| M | SHIELD | B197548-2 | 0702.2 |
| N | PLUG | A217339 | 0702.2 |
| O | SHAFT | E1239 | 0702.2 |

RA PD 61488C



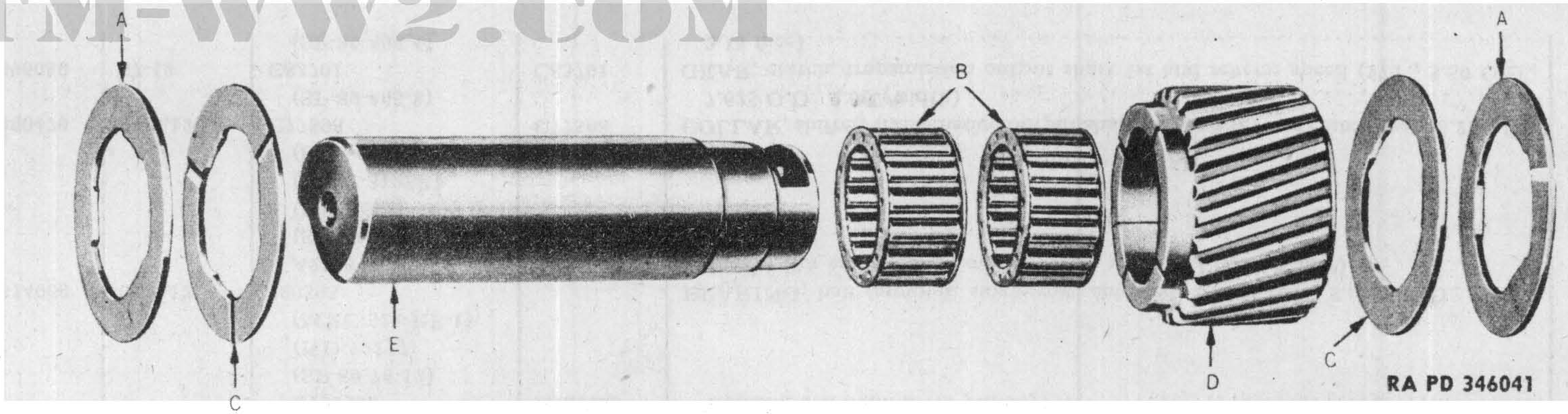
**FIGURE 07-7 — TRANSMISSION BEVEL DRIVE PINION w/RELATED PARTS**




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | GASKET | C77582 | 0701 |
| B | CAP | C100874 | 0701 |
| C | OIL SEAL, ass'y | B181947 | 0701 |
| D | SPACER, ass'y | A381112 | 0702.1 |
| E | FLANGE | C77574 | 0702.1 |
| F | WASHER | A217310 | 0702.1 |
| G | NUT | A217371 | 0702.1 |
| H | PIN | 103391 | 0702.1 |
| I | BOLT | 227651 | 0701 |
| J | WASHER | 103323 | 0701 |

RA PD 318384E

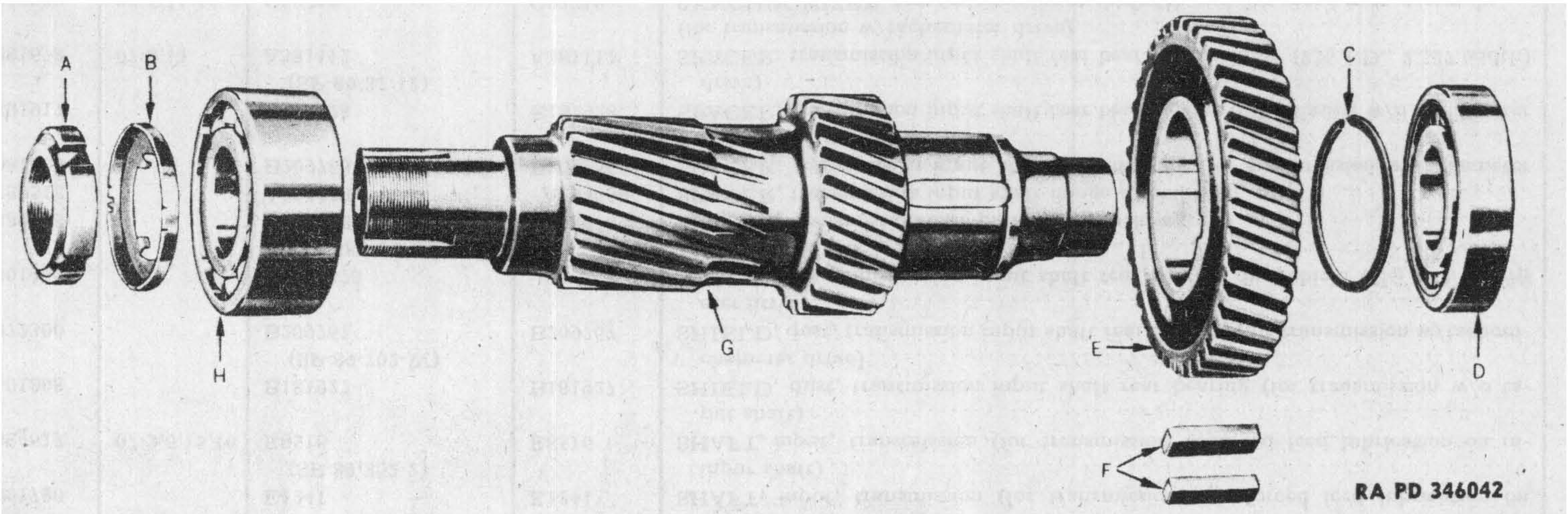
**FIGURE 07-8 — TRANSMISSION DRIVE FLANGE, INPUT SHAFT BEARING CAP AND RELATED PARTS — EXPLODED VIEW**




| Key | Item | Part Number | Group | Key | Item | Part Number | Group |
|---|---|---|---|---|---|---|---|
| A | WASHER | A175990 | 0702.3 | D | GEAR | C77547 | 0702.3 |
| B | BEARING | 708254 | 0702.3 | E | SHAFT | B181930 | 0702.3 |
| C | WASHER | A217307 | 0702.3 | | | | |

RA PD 346041A

**FIGURE 07-9 — TRANSMISSION FIRST SPEED IDLER SHAFT w/GEAR ASSEMBLY — EXPLODED VIEW**




| Key | Item | Part Number | Group | Key | Item | Part Number | Group |
|---|---|---|---|---|---|---|---|
| A | NUT | A217369 | 0702.3 | F | KEY | A217364 | 0702.3 |
| B | WASHER | A217308 | 0702.3 | G | COUNTERSHAFT | D46212 | 0702.3 |
| C | SNAP RING | A217372 | 0702.3 | H | BEARING | 700428 | 0702.3 |
| D | BEARING | 707666 | 0702.3 | | | | |
| E | GEAR | C77576 | 0702.3 | | | | |

RA PD 346042A

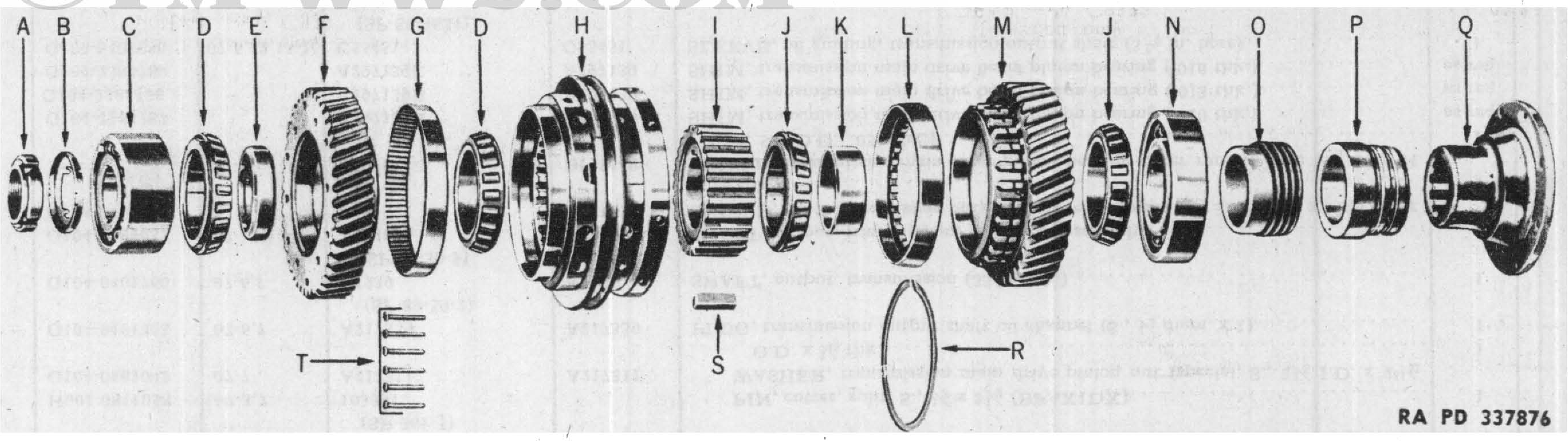
**FIGURE 07-10 — TRANSMISSION COUNTER SHAFT w/GEAR ASSEMBLY — EXPLODED VIEW**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0401043 | 07-11,14 | A245935A | A245935 | KEY, transmission input shaft 2nd and 3rd speed clutch gear | 4 | |
| | G104-0401190 | 07-11 | A217369 (SP-89-360-J) | A217369 | NUT, transmission input shaft (rd., S., 1 31/32-16NS-3, 3 O.D., 3/4 thk.) | 1 | |
| | G104-0401750 | | E1241 (SP-89-362-2) | E1241 | SHAFT, input, transmission (for transmission w/o forced feed lubrication on input shaft) | 1 | |
| | G104-2384617 | 07-2,6,15,16 | E8516 | E8516 | SHAFT, input, transmission (for transmission w/forced feed lubrication on input shaft) | 1 | |
| | G104-0401808 | | B181927 (SP-89-702-W) | B181927 | SHIELD, dust, transmission input shaft rear bearing (for transmission w/o tachometer drive) | 1 | |
| | G104-3072300 | | B209767 | B209767 | SHIELD, dust, transmission input shaft rear bearing (for transmission w/tachometer drive) | 1 | |
| | G104-0401430 | | A2717373 (SP-381-8) | | SNAP RING, transmission input shaft rear bearing dust shield (3 7/32 I.D. x 3 19/32 O.D. x .064 thk.) | 1 | |
| | G104-2389433 | | B208676 | B208676 | SPACER, transmission case pinion front bearing | 1 | |
| | G104-1789515 | | A294659 | A294659 | SPACER, transmission input shaft flange assembly | 1 | |
| | G104-3081609 | | B209766 | B209766 | SPACER, transmission input shaft rear bearing (for transmission w/tachometer drive) | 1 | |
| | G104-0401917 | | B181928 (SP-89-37-12) | B181928 | SPACER, transmission input shaft rear bearing (for transmission w/o tachometer drive) | 1 | |
| | G104-3081678 | 07-8,11 | A381112 | A381112 | SPACER, transmission input shaft rear bearing, assembly (2 1/2 I.D., 2.537 width) (for transmission w/tachometer drive) | 1 | |
| | G104-0401980 | 07-6,11,14 | C83719 (SP-89-5773X) | C83719 | SYNCHRONIZER, transmission input shaft 4th and 5th speed gear, assembly | 1 | |
| | G104-0402070 | 07-11 | A217308 (SP-89-701W) | A217308 | WASHER, locking, transmission input shaft front lock nut (special, S., 3 3/16 O.D.) | 1 | |

### 0702.2—OUTPUT SHAFT, GEARS, BEARINGS, MAIN DRIVE PINION, SPACERS, SYNCHRONIZER AND SNAP RING

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| H-12 | H012-0700228 | 07-6,7,10-18 | 700228 B181933 (SP-89-76-12) (ND-222JJ) (MRC-522-RF-1) | B181933 | BEARING, ball (annular, double row, 4.329 bore, 7.874 O.D., 2.750 width) (for transmission main drive pinion) | 1 | |
| H-12 | H012-1314060 | 07-6,12 | 700393 A217347 (SP-89-76-14) (ND-7612) (MRC-312SF) (SKF-6312Z) | A217347 | BEARING, ball (annular, single row, shielded, 2.3622 bore, 5.1181 O.D., 1.2205 width) (for transmission output shaft, rear end) (CAAX3EP) | 1 | |
| | G104-0400470 | 07-6,12,16 | C77598 (SP-89-465-8) | C77598 | COLLAR, shifter, transmission output shaft, 1st and reverse clutch gear (5.25 I.D., 7.625 O.D., 2.067 width) | 1 | |
| | G104-1596059 | 07-12 | C83701 (SP-89-466-4) | C83701 | GEAR, clutch, transmission output shaft 1st and reverse speed (27T., 5.59 O.D., 2.13 face) | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0400880 | 07-12,13 | C77599 (SP-89-46602) | C77599 | GEAR, clutch, transmission output shaft, 2nd and 3rd speed (27T., 5.59 O.D., 2.13 face) | 2 |
| | G104-0400830 | 07-17 | B181945 (SP-89-452-2) | B181945 | GEAR, speedometer drive transmission output shaft (4T., 3.42 O.D., $\frac{3}{4}$ face) | 1 |
| | G104-1596066 | 07-6,12,15,16 | C55442 | C55442 | GEAR, transmission output shaft, 1st speed, assembly (Includes: CONE and SPACER) | 1 |
| | G104-0400910 | 07-6,12,15,16 | C83721 (SP-89-5784X) | C83721 | GEAR, transmission output shaft, 2nd speed, assembly (Includes: CONES, RIVETS and SPACER) | 1 |
| | G104-0400940 | 07-6,12,15,16 | C83720 (SP-89-5783X) | C83720 | GEAR, transmission output shaft, 3rd speed, assembly (Includes: CONES, RIVETS and SPACER) | 1 |
| | G104-0400860 | 07-6,12,15,16 | C77578 (SP-89-19-9) | C77578 | GEAR, transmission output shaft, 4th speed, fixed (41T., 7.69 O.D., $1\frac{1}{2}$ face) | 1 |
| | G104-0400870 | 07-6,12,15,16 | C77580 (SP-89-196-9) | C77580 | GEAR, transmission output shaft, 5th speed, fixed (33T., $6\frac{1}{4}$ O.D., 1.63 face) | 1 |
| | G104-1596371 | 07-6,12,15,16 | C55441 | C55441 | GEAR, transmission output shaft, reverse speed, assembly (Includes: CONES and SPACER) | 1 |
| | G104-0401044 | 07-12 | A245935B | A245935 | KEY, transmission output shaft 4th speed clutch gear (alloy-S., .438 x .501 x $2\frac{5}{16}$) | 1 |
| | G104-0401043 | 07-12,13 | A245935A | A245935 | KEY, transmission output shaft 1st and reverse, 2nd and 3rd, and 5th speed clutch gears | 7 |
| | G104-0401190 | 07-11 | A217369 (SP-89-360-4) | A217369 | NUT, transmission output shaft, rear (rd., S., $1\frac{31}{32}$-16NS-3, 3 O.D., $\frac{3}{4}$ thk.) | 3 |
| | G104-0401710 | 07-17 | B181947 (SP-89-463-7) (NMB-55-305) (VG-61079-H) | B181947 | OIL SEAL, transmission output shaft rear bearing, assembly ($3\frac{1}{2}$ I.D., $4\frac{1}{2}$ O.D., $\frac{9}{16}$ width) | 1 |
| | G104-0401330 | 07-6,7, 10-18 | C77535G | C77535 | PINION, bevel, transmission main drive (17 T., $5\frac{1}{2}$ lgh.) (use gear C77536 with this pinion) (optional with PINION, G104-0401311) (furnished in sets) (see Group 1002) | 1 |
| | G104-0401311 | 07-3 | C77535AG | C77535 | PINION, bevel, transmission main drive (17 T., $5\frac{1}{2}$ lgh.) (use gear C77536A with this pinion) (optional with PINION, G104-0401330) (furnished in sets) (see Group 1002) | 1 |
| | G104-0401200 | 07-3,7 | A217370 (SP-361-J) | A217370 | NUT, transmission main drive pinion (rd., S., $1\frac{31}{32}$-16NS-3, $2\frac{7}{8}$ O.D., $1\frac{1}{8}$ thk.) | 1 |
| H-1 | H001-0811058 | 07-3,7 | 103391 | | PIN, cotter, split, S., $\frac{1}{8}$ x $2\frac{1}{2}$ (BFAX1DX) | 1 |
| | G104-0402043 | 07-7 | A217311 | A217311 | WASHER, transmission main drive pinion nut (special, S., $2\frac{1}{8}$ I.D. x $2\frac{31}{32}$ O.D. x $\frac{3}{16}$ thk.) | 1 |
| | G104-0401363 | 07-6,7 | A217339 (SP-89-59-2) | A217339 | PLUG, transmission output shaft oil channel (S., $\frac{1}{2}$ diam. x 1) | 1 |
| | G104-0401760 | 07-6,7 | E1239 (SP-89-30-5) | E1239 | SHAFT, output, transmission ($33\frac{27}{32}$ lgh.) | 1 |
| | G104-2384633 | 07-15,16 | A294695 | A294695 | SHAFT, output, transmission, w/PLUG, assembly | 1 |
| | G104-0401808 | | B181927 | B181927 | SHIELD, dust, transmission output shaft rear bearing (S., 3.369 I.D. x $5\frac{3}{8}$ O.D. x $\frac{1}{2}$ thk.) | 1 |
| | | 07-7 | B197548-2 | B197548 | SHIELD, transmission main drive pinion bearing outer race to case (S., 4 23/64 I.D., $5\frac{3}{16}$ O.D., .031 thk.) | 1 |
| | G104-2384787 | | A297139A | A297139 | SHIM, transmission main drive bevel pinion bearing (.010 thk.) | as req. |
| | G104-2384788 | | A297139B | A297139 | SHIM, transmission main drive bevel pinion bearing (.013 thk.) | as req. |
| | G104-2384789 | | A297139C | A297139 | SHIM, transmission main drive bevel pinion bearing (.016 thk.) | as req. |
| | G104-0401886 | 07-6,12,15,16 | C55451 (SP-89-4634) | C55451 | SLEEVE, oil guiding, transmission output shaft ($3\frac{1}{2}$ in. bore) | 1 |
| | G104-2389385 | 07-7 | B208866A | B208866 | SPACER, transmission main drive bevel pinion bearing (.035 thk.) | as req. |




# FIGURE 07-11 — TRANSMISSION INPUT SHAFT GEARS AND BEARINGS — EXPLODED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | NUT | A217369 | 0702.1 |
| B | WASHER | A217308 | 0702.1 |
| C | BEARING | 700429 | 0702.1 |
| D | CONE (furnished only as part of GEAR ass'y, B181957) | | 0702.1 |
| E | SPACER (furnished only as part of GEAR ass'y, B181957) | | 0702.1 |
| F | GEAR (furnished only as part of GEAR ass'y, B181957) | | 0702.1 |
| G | CONE (furnished only as part of GEAR ass'y, B181957) | | 0702.1 |
| H | SYNCHRONIZER, ass'y | C83719 | 0702.1 |
| I | GEAR | C77599 | 0702.1 |
| J | CONE (furnished only as part of GEAR ass'y, B146063) | | 0702.1 |
| K | SPACER (furnished only as part of GEAR ass'y, B146063) | | 0702.1 |
| L | CONE (furnished only as part of GEAR ass'y, B146063) | | 0702.1 |
| M | GEAR (furnished only as part of GEAR ass'y, B146063) | | 0702.1 |
| N | BEARING | 700395 | 0702.1 |
| O | GEAR | B209769 | 2208.2 |
| P | SPACER, ass'y | A381112 | 0702.1 |
| Q | FLANGE | C77574 | 0702.1 |
| R | RING (furnished only as part of GEAR ass'y, B146063) | | 0702.1 |
| S | KEY | A245935A | 0702.1 |
| T | RIVET (furnished only as part of GEAR ass'y, B181957) | | 0702.1 |

RA PD 337876E

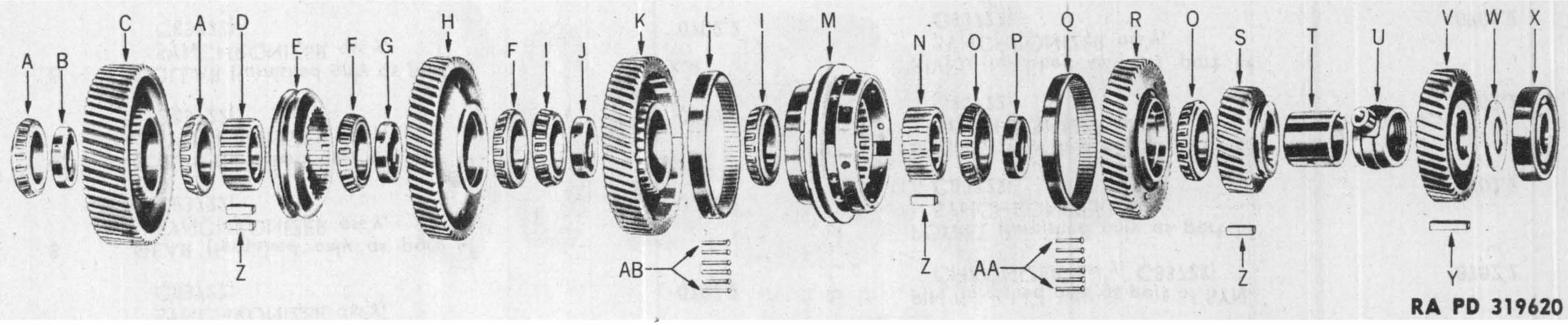



**FIGURE 07-12 — TRANSMISSION OUTPUT SHAFT GEARS AND BEARINGS — EXPLODED VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | CONE (furnished only as part of GEAR ass'y, C55442) | | 0702.2 |
| B | SPACER (furnished only as part of GEAR ass'y, C55442) | | 0702.2 |
| C | GEAR (furnished only as part of GEAR ass'y, C55442) | | 0702.2 |
| D | GEAR | C83701 | 0702.2 |
| E | COLLAR | C77598 | 0702.2 |
| F | CONE (furnished only as part of GEAR ass'y, C55441) | | 0702.2 |
| G | SPACER (furnished only as part of GEAR ass'y, C55441) | | 0702.2 |
| H | GEAR (furnished only as part of GEAR ass'y, C55441) | | 0702.2 |
| I | CONE (furnished only as part of GEAR ass'y, C83721) | | 0702.2 |
| J | SPACER (furnished only as part of GEAR ass'y, C83721) | | 0702.2 |
| K | GEAR (furnished only as part of GEAR ass'y, C83721) | | 0702.2 |
| L | CONE (furnished only as part of GEAR ass'y, C83721) | | 0702.2 |
| M | SYNCHRONIZER, ass'y | C83722 | 0702.2 |
| N | GEAR | C77599 | 0702.2 |
| O | CONE (furnished only as part of GEAR ass'y, C83720) | | 0702.2 |
| P | SPACER (furnished only as part of GEAR ass'y, C83720) | | 0702.2 |
| Q | CONE (furnished only as part of GEAR ass'y, C83720) | | 0702.2 |
| R | GEAR (furnished only as part of GEAR ass'y, C83720) | | 0702.2 |
| S | GEAR | C77580 | 0702.2 |
| T | SPACER | A217330 | 0702.2 |
| U | SLEEVE | C55451 | 0702.2 |
| V | GEAR | C77578 | 0702.2 |
| W | WASHER | A217309 | 0702.2 |
| X | BEARING | 700393 | 0702.2 |
| Y | KEY | A245935B | 0702.2 |
| Z | KEY | A245935A | 0702.2 |
| AA | RIVET (furnished only as part of GEAR ass'y, C83720) | | 0702.2 |
| AB | RIVET (furnished only as part of GEAR ass'y, C83721) | | 0702.2 |

RA PD 319620G

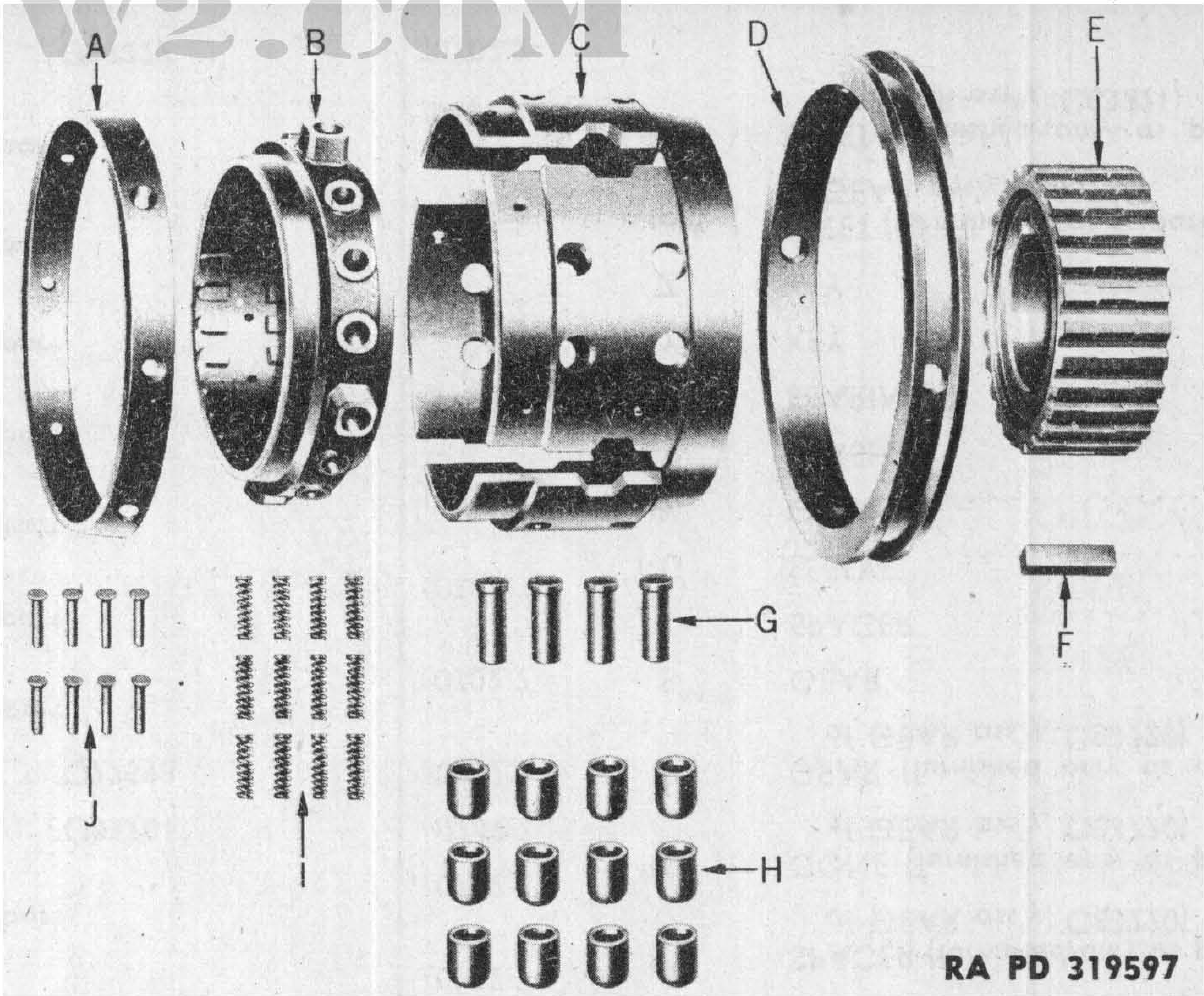
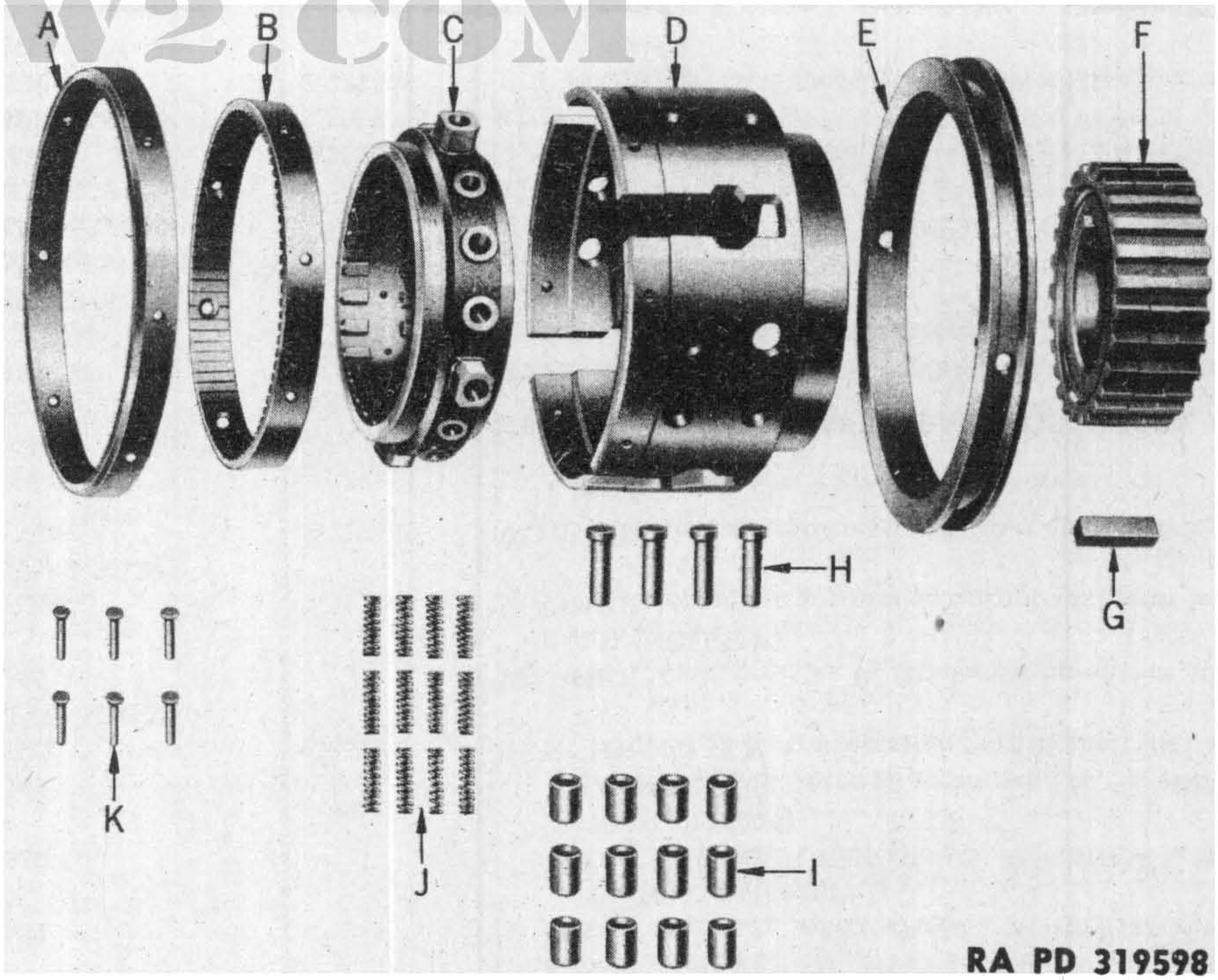





**FIGURE 07-13 — TRANSMISSION SECOND AND THIRD SPEED SYNCHRONIZER ASSEMBLY, C83722 — WITH CLUTCH GEAR — EXPLODED VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | COLLAR (furnished only as part of SYNCHRONIZER ass'y, C83722) | | 0702.2 |
| B | GEAR (furnished only as part of SYNCHRONIZER ass'y, C83722) | | 0702.2 |
| C | SLEEVE (furnished only as part of SYNCHRONIZER ass'y, C83722) | | 0702.2 |
| D | COLLAR (furnished only as part of SYNCHRONIZER ass'y, C83722) | | 0702.2 |
| E | GEAR | C77599 | 0702.2 |
| F | KEY | A245935A | 0702.2 |
| G | PIN (furnished only as part of SYNCHRONIZER ass'y, C83722) | | 0702.2 |
| H | POPPET (furnished only as part of SYNCHRONIZER ass'y, C83722) | | 0702.2 |
| I | SPRING (furnished only as part of SYNCHRONIZER ass'y, C83722) | | 0702.2 |
| J | RIVET (furnished only as part of SYNCHRONIZER ass'y, C83722) | | 0702.2 |

RA PD 319597E




## FIGURE 07-14 — TRANSMISSION FOURTH AND FIFTH SPEED SYNCHRONIZER ASSEMBLY, C83719 — WITH CLUTCH GEAR — EXPLODED VIEW

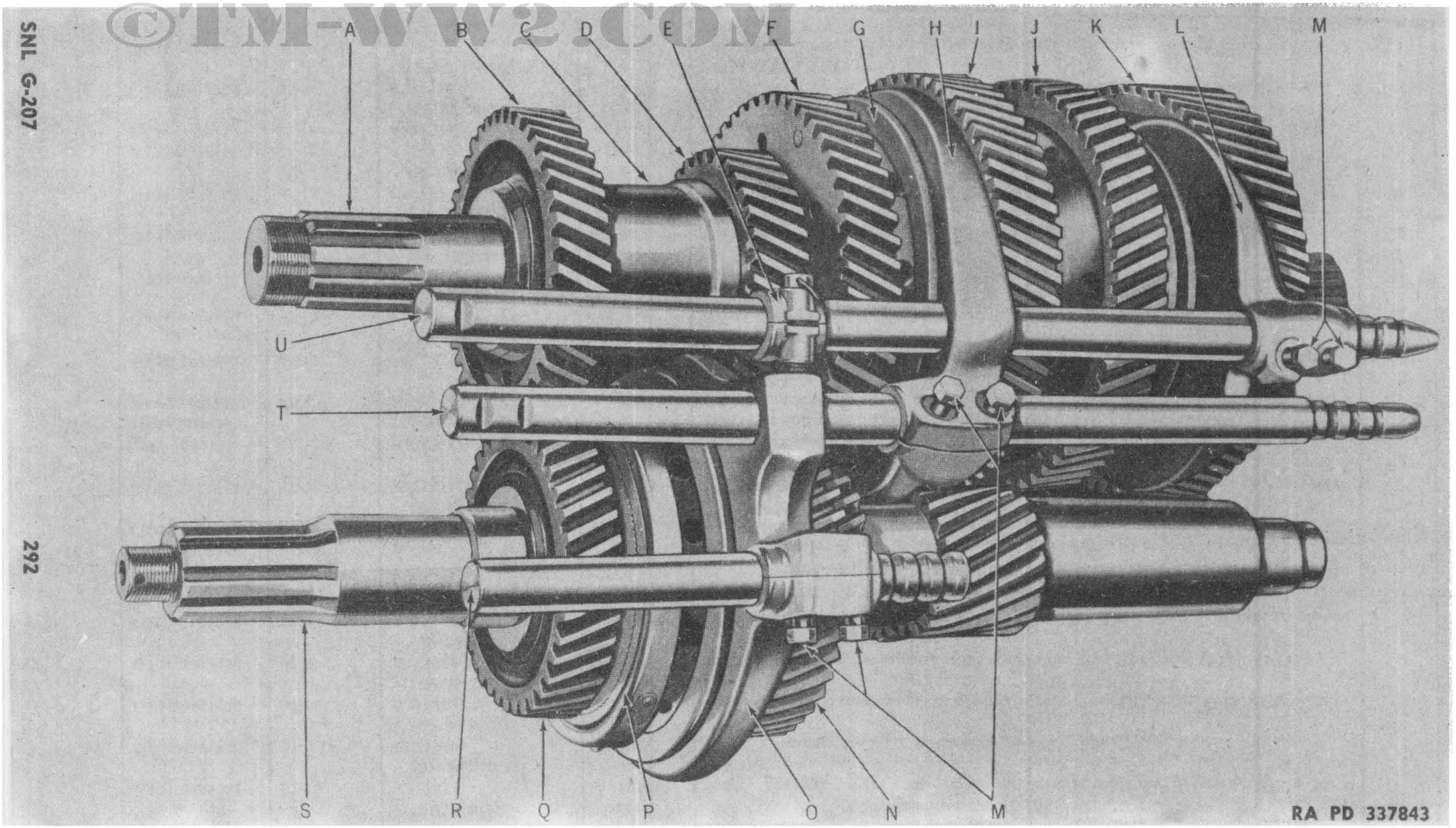
| Key | Item | Part Number | Group |
|---|---|---|---|
| A | RING (furnished only as part of SYNCHRONIZER ass'y, C83719) | | 0702.1 |
| B | CONE (furnished only as part of SYNCHRONIZER ass'y, C83719) | | 0702.1 |
| C | GEAR (furnished only as part of SYNCHRONIZER ass'y, C83719) | | 0702.1 |
| D | SLEEVE (furnished only as part of SYNCHRONIZER ass'y, C83719) | | 0702.1 |
| E | COLLAR (furnished only as part of SYNCHRONIZER ass'y, C83719) | | 0702.1 |
| F | GEAR | C77599 | 0702.1 |
| G | KEY | A245935A | 0702.1 |
| H | PIN (furnished only as part of SYNCHRONIZER ass'y, C83719) | | 0702.1 |
| I | POPPET (furnished only as part of SYNCHRONIZER ass'y, C83719) | | 0702.1 |
| J | SPRING (furnished only as part of SYNCHRONIZER ass'y, C83719) | | 0702.1 |
| K | RIVET (furnished only as part of SYNCHRONIZER ass'y, C83719) | | 0702.1 |

RA PD 319598E

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-2389386 | 07-7 | B208866B | B208866 | SPACER, transmission main drive bevel pinion bearing (.040 thk.) | as req. | |
| | G104-2389387 | 07-7 | B208866C | B208866 | SPACER, transmission main drive bevel pinion bearing (.045 thk.) | as req. | |
| | G104-2389388 | 07-7 | B208866D | B208866 | SPACER, transmission main drive bevel pinion bearing (.050 thk.) | as req. | |
| | G104-2389389 | 07-7 | B208866E | B208866 | SPACER, transmission main drive bevel pinion bearing (.055 thk.) | as req. | |
| | G104-2389390 | 07-7 | B208866F | B208866 | SPACER, transmission main drive bevel pinion bearing (.060 thk.) | as req. | |
| | G104-2389391 | 07-7 | B208866G | B208866 | SPACER, transmission main drive bevel pinion bearing (.065 thk.) | as req. | |
| | G104-2389392 | | B208866H | B208866 | SPACER, transmission main drive bevel pinion bearing (.070 thk.) | as req. | |
| | G104-2389393 | | B208866K | B208866 | SPACER, transmission main drive bevel pinion bearing (.075 thk.) | as req. | |
| | G104-2389394 | | B208866L | B208866 | SPACER, transmission main drive bevel pinion bearing (.080 thk.) | as req. | |
| | G104-2389395 | | B208866M | B208866 | SPACER, transmission main drive bevel pinion bearing (.085 thk.) | as req. | |
| | G104-1789461 | | A263189 | A263189 | SPACER, transmission output shaft brake | 1 | |
| | G104-1789515 | | A294659 | A294659 | SPACER, transmission output shaft rear bushing, assembly (Includes: SHIELD and SLE[illegible]) | 1 | |
| | G104-0401920 | 07-12 | A217330 (SP-89-37-13) | A217330 | SPACER, transmission output shaft 4th and 5th speed gear (3.495 O.D., 2.908 width) | 1 | |
| | G104-0401965 | | B146068 | B146068 | STEM, transmission output shaft oil sleeve (for transmission w/o forced feed lubrication) | 1 | |
| | G104-2391892 | 07-3 | B209392 | B209392 | STEM, transmission output shaft oil sleeve (for transmission w/forced feed lubrication) | 1 | |
| H-1 | H001-0116029 | 07-3 | 227531 | | BOLT, hex-hd., s-fin., alloy-S., 3/8-16NC-2 x 1 3/4 (BANX1CF) (superceded by H001-0116028) | 2 | |
| H-1 | H001-0116028 | | 227530 | | BOLT, hex-hd., s-fin., alloy-S., 3/8-16NC-2 x 1 1/2 (BANX1CE) (supersedes H001-0116029) | 2 | |
| H-1 | H001-1519011 | | 115549 | | WASHER, lock, internal teeth, reg., S., 3/8 (BEAX1L) | 2 | |
| | G104-0401990 | 07-6,12,13 | C83722 (SP-89-5785X) | C83722 | SYNCHRONIZER, transmission output shaft 2nd and 3rd speed gear, assembly | 1 | |
| H-1 | H001-1518013 | | 103325 | | WASHER, lock, reg., S., 5/8 (transmission output shaft rear end bearing cap dust shield) (BECX1P) | 7 | |
| | G104-0402070 | | A217308 (SP-89-701W) | A217308 | WASHER, locking, transmission output shaft rear lock nut (special, S., 3 3/16 O.D.) | 1 | |
| | G104-0402041 | 07-12 | A217309 | A217309 | WASHER, thrust, transmission output shaft rear bearing (special, S., 2 3/8 x 3 5/8 x 1/4 thk.) | 1 | |
| | | | | | **0702.3—COUNTERSHAFT BEARINGS, GEARS AND FIRST SPEED IDLER** | | |
| H-12 | H012-1902050 | 07-10 | 700428 A217350 (SP-89-76-17) (MCR-6310) (SKF-5310R) (ND-5310) | A217350 | BEARING, ball (annular, double row, 1.9685 bore, 4.3307 O.D., 1.750 width) (transmission countershaft, front end) | 1 | |
| | G104-0401190 | 07-10 | A217369 (SP-89-360-J) | A217639 | NUT, lock, bearing to countershaft (rd., S., 1 31/32-16NS-3, 3 O.D.) | 1 | |
| | G104-0402070 | 07-10 | A217308 (SP-89-701-W) | A217308 | WASHER, lock, bearing to countershaft (special, S., 1 15/16 I.D.) | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| H-12 | H012-0707666 | 07-10 | 707666<br>A217351<br>(SP-89-76-18)<br>(HY-U-1310-TM)<br>(SKF-NF310) | A217351 | BEARING, roller, stght, assembly (transmission countershaft, rear end) | 1 |
| H-12 | H012-0708254 | 07-9 | 708254<br>A217352<br>(HY-WRA-99210) | A217352 | BEARING, roller, stght., assembly (transmission 1st speed idler gear) | 2 |
| | G104-0400480 | 07-10,16 | D46212<br>(SP-89-30-3) | D46212 | COUNTERSHAFT, transmission 1st and reverse speed gear ($15\frac{1}{32}$ lgh.) | 1 |
| | G104-0400845 | 07-10,16 | C77576<br>(SP-89-196-5) | C77576 | GEAR, transmission countershaft, 1st and reverse speed (40 T., 7.33 O.D., $1\frac{1}{2}$ face) | 1 |
| | G104-0440850 | 07-9,16 | C77547<br>(SP-89-5-5) | C77547 | GEAR, transmission countershaft, 1st speed idler (26 T., 4.78 O.D., $2\frac{3}{4}$ face) | 1 |
| | G104-0401042 | 07-10 | A217364<br>(SP-89-210-7) | A217364 | KEY, transmission 1st and reverse speed countershaft gear (alloy-S., .375 x .501 x $1\frac{11}{16}$) | 2 |
| | G104-0401770 | 07-9,16 | B181930<br>(SP-89-60-5) | B181930 | SHAFT, transmission 1st speed idler gear ($9\frac{1}{16}$ lgh.) | 1 |
| | G104-0401420 | 07-10 | A217372<br>(SP-89-381-5) | A217372 | SNAP RING, transmission countershaft, rear ($2\frac{11}{16}$ I.D. x $3\frac{1}{16}$ O.D. x .095 thk.) | 1 |
| | G104-0402050 | 07-9 | A175990<br>(SP-708W) | A175990 | WASHER, thrust, transmission 1st speed idler gear (special, 4 O.D., .125 thk.) | 2 |
| | G104-0402040 | 07-9 | A217307<br>(SP-694W) | A217307 | WASHER, thrust, transmission 1st speed idler shaft gear (special, graph-bz., 4 O.D., .124 thk.) | 2 |
| | | | | | **0704—FORKS, GEAR SHIFT LEVERS, RODS AND YOKES** | |
| H-2 | H002-0100160 | 07-18 | 104921 | | BALL, chr-alloy-S., $\frac{7}{16}$ in. (transmission gear shift rod catch) (CCAX1F) | 3 |
| | G104-1522414 | 07-18 | C77572-7<br>(SP-89-69-1) | C77572 | BLOCK. supporting, transmission gear shift rod | 1 |
| | G104-2124273 | 07-2 | A217315-3 | A217315 | BOLT, transmission gear shift rod supporting block (hex-hd., S., $\frac{5}{8}$-18NF-3 x $2\frac{1}{8}$, two $\frac{9}{64}$ dld. holes in hd.) | 3 |
| | 22W-1642156 | 07-2,18 | BFWX1B | BFWX1 | WIRE, lock, steel, low carbon, blackened, .0625 in. diam | as req. |
| H-2 | H002-0504202 | | 504202 | | BODY, transmission gear shift lever fulcrum yoke shaft (CLDX8B) | 1 |
| | G104-2124275 | 07-1,19 | A226511-4 | A226511 | BOLT, transmission hand gear shift lever and lower gear shift lever link (hex-hd., S., $\frac{1}{2}$-20NF-3 x $2\frac{11}{16}$, $\frac{9}{64}$ dld. shank) | 2 |
| | G104-0400200 | 07-19 | A217314<br>(SP-8580) | A217314 | BOLT, transmission lower gear shift lever to fulcrum and hand gear shift lever to fulcrum (hex-hd., S., $\frac{1}{2}$-20NF-3 x $3\frac{1}{8}$) | 2 |
| | G104-0400270 | 07-18 | C77585<br>(SP-89-354-2) | C77585 | BRACKET, transmission 1st and reverse speed gear shift rod | 1 |
| | G104-0400240 | 07-15,18 | B181941<br>(SP-89-354-8) | B181941 | BRACKET, transmission 1st and reverse speed gear shift rod stop | 1 |
| | G104-0400250 | 07-18 | C77587<br>(SP-89-354-4) | C77587 | BRACKET, transmission 2nd and 3rd speed gear shift rod | 1 |
| | G104-0400260 | 07-18 | C77589<br>(SP-89-354-6) | C77589 | BRACKET, transmission 4th and 5th speed gear shift rod | 1 |
| | G104-0400325 | 07-19 | A226513 | A226513 | BUSHING, transmission gear shift lever link | 2 |
| | G104-0400330 | 07-19 | A217325<br>(SP-89-24-9 | A217325 | BUSHING, transmission gear shift lever yoke (split, graph-bz., $\frac{5}{8}$ x $\frac{3}{4}$ x $1\frac{3}{32}$) | 2 |
| | G104-0400320 | 07-2 | A217326<br>(SP-89-24-10) | A217326 | BUSHING, transmission hand gear shift lever yoke shaft (split, graph-bz., 1 I.D. x $1\frac{1}{8}$ O.D. x $1\frac{3}{32}$ width) | 4 |
| | G103-0400340 | 07-19 | A170335<br>(SP-89-47-1 | A170335 | BUTTON, transmission hand gear shift lever latch rod | 1 |

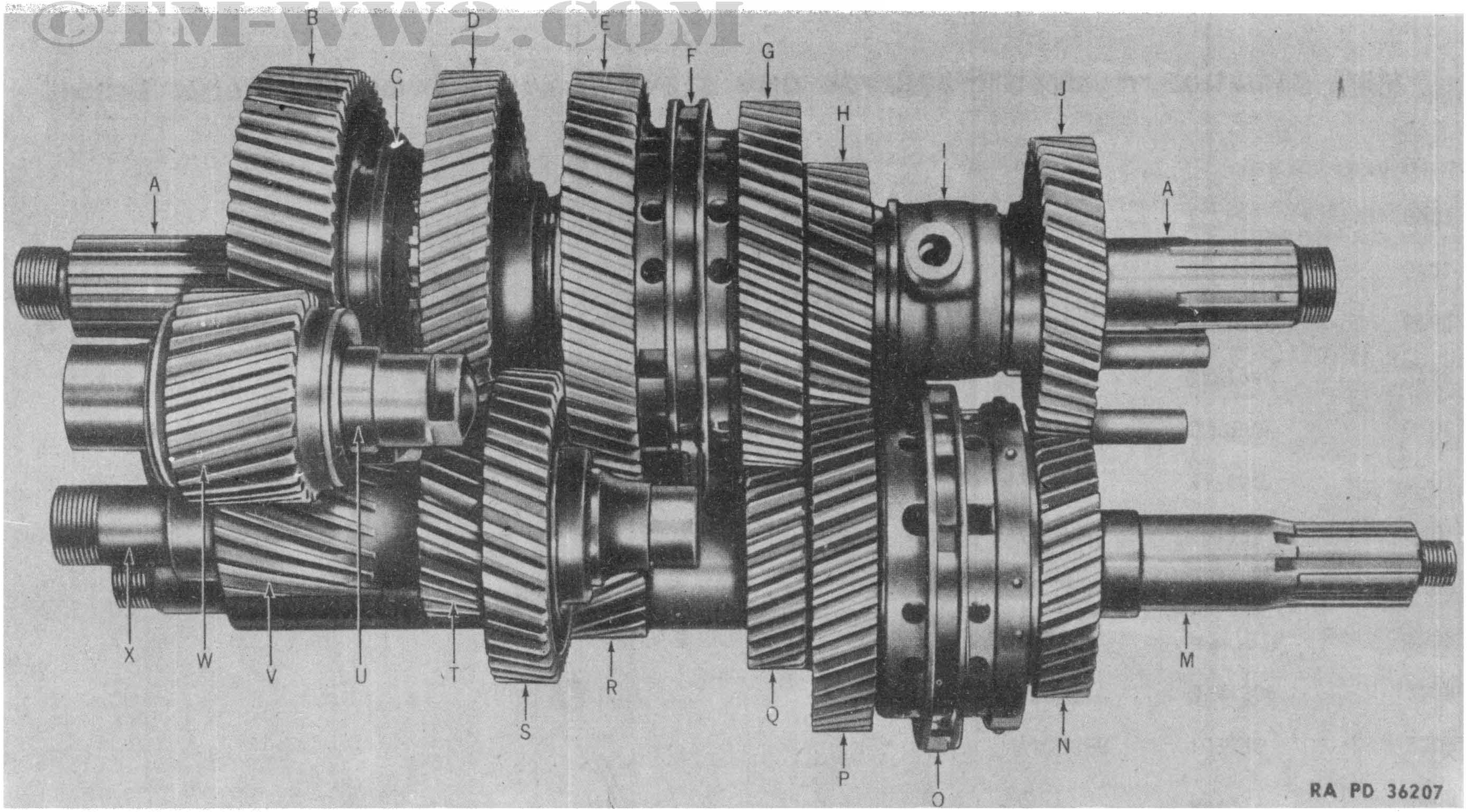
*(Cont.)*




## FIGURE 07-15 — TRANSMISSION GEARS, SHIFTER RODS AND FORKS — ASSEMBLED

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SHAFT, ass'y | A294695 | 0702.2 |
| B | GEAR | C77578 | 0702.2 |
| C | SLEEVE | C55451 | 0702.2 |
| D | GEAR | C77580 | 0702.2 |
| E | BRACKET | B181941 | 0704 |
| F | GEAR, ass'y | C83720 | 0702.2 |
| G | SYNCHRONIZER, ass'y | C83722 | 0702.2 |
| H | FORK | C77566 | 0704 |
| I | GEAR, ass'y | C83721 | 0702.2 |
| J | GEAR, ass'y | C55441 | 0702.2 |
| K | GEAR, ass'y | C55442 | 0702.2 |
| L | FORK | C77564 | 0704 |
| M | SCREW | A175986 | 0704 |
| N | GEAR, ass'y | B181957 | 0702.1 |
| O | FORK | C77568 | 0704 |
| P | SYNCHRONIZER, ass'y | C83719 | 0702.1 |
| Q | GEAR, ass'y | B146063 | 0702.1 |
| R | SHAFT | C77571 | 0704 |
| S | SHAFT | E8516 | 0702.1 |
| T | SHAFT | D46216-4 | 0704 |
| U | SHAFT | C77570 | 0704 |

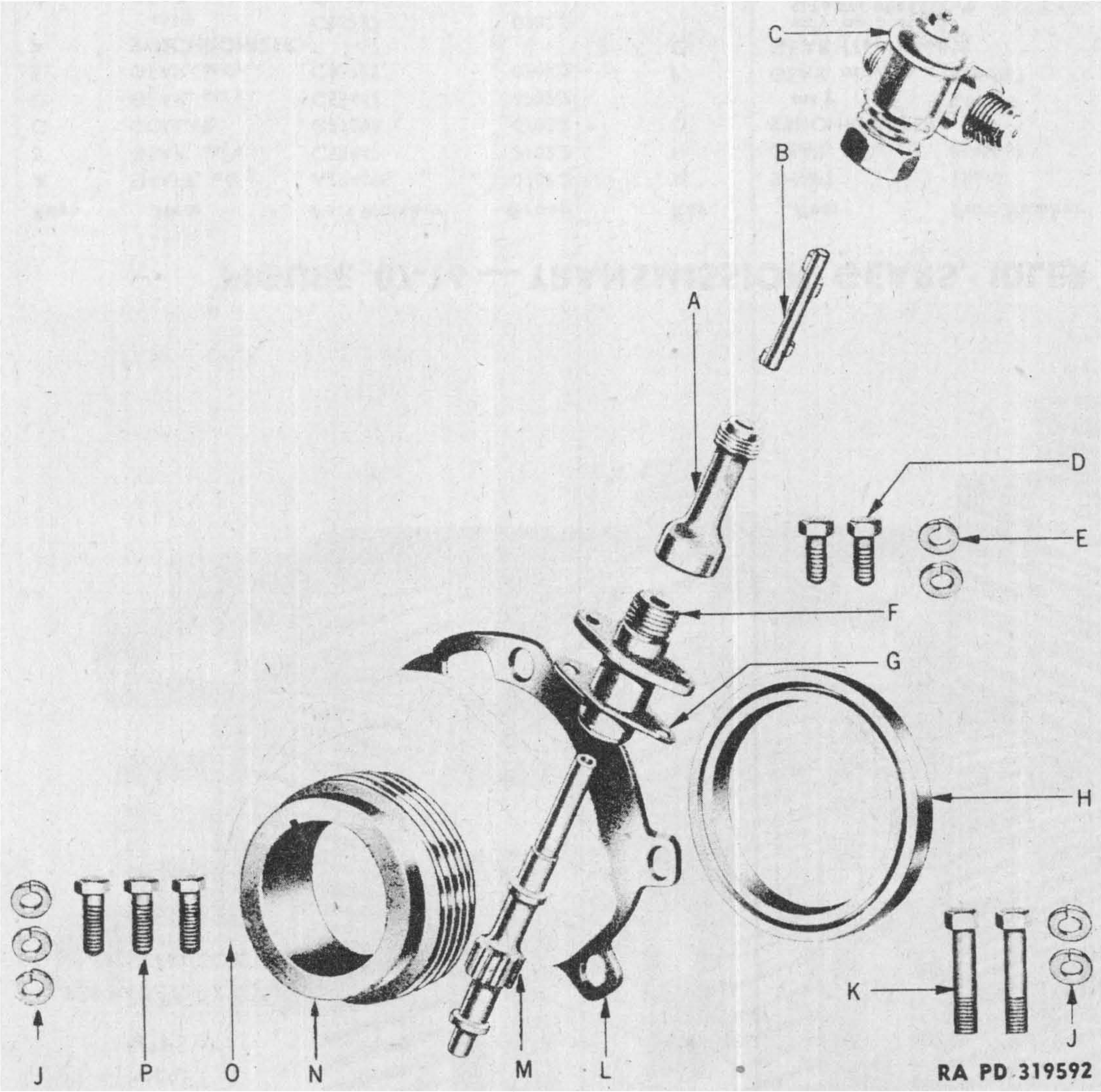
RA PD 337843C




# FIGURE 07-16 — TRANSMISSION GEARS, IDLER SHAFT AND COUNTERSHAFT

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SHAFT, ass'y | A294695 | 0702.2 |
| B | GEAR, ass'y | C55442 | 0702.2 |
| C | COLLAR | C77598 | 0702.2 |
| D | GEAR, ass'y | C55441 | 0702.2 |
| E | GEAR, ass'y | C83721 | 0702.2 |
| F | SYNCHRONIZER, ass'y | C83722 | 0702.2 |
| G | GEAR, ass'y | C83720 | 0702.2 |
| H | GEAR | C77580 | 0702.2 |
| I | SLEEVE | C55451 | 0702.2 |
| J | GEAR | C77578 | 0702.2 |
| M | SHAFT | E8516 | 0702.1 |
| N | GEAR, ass'y | B146063 | 0702.1 |
| O | SYNCHRONIZER, ass'y | C83719 | 0702.1 |
| P | GEAR, ass'y | B181957 | 0702.1 |
| Q | GEAR (furnished only as part of SHAFT, E8516) | | 0702.1 |
| R | GEAR (furnished only as part of SHAFT, E8516) | | 0702.1 |
| S | GEAR | C77576 | 0702.3 |
| T | GEAR (furnished only as part of COUNTER-SHAFT, D46212) | | 0702.3 |
| U | SHAFT | B181930 | 0702.3 |
| V | GEAR (furnished only as part of COUNTER-SHAFT, D46212) | | 0702.3 |
| W | GEAR | C77547 | 0702.3 |
| X | COUNTERSHAFT | D46212 | 0702.3 |

RA PD 36207E




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SLEEVE | A213812 | 2208.1 |
| B | SHAFT | A297203 | 2208.1 |
| C | ANGLE, ass'y | A246188 | 2208.1 |
| D | BOLT | 227461 | 2208.1 |
| E | WASHER | 103320 | 2208.1 |
| F | SLEEVE | B141506 | 2208.1 |
| G | GASKET | A217378 | 2208.1 |
| H | OIL SEAL, ass'y | B181947 | 0702.2 |
| J | WASHER | 103323 | 0701 |
| K | BOLT | 227660 | 0701 |
| L | GASKET | C77583 | 0701 |
| M | GEAR | B181946 | 2208.1 |
| N | GEAR | B181945 | 0702.2 |
| O | CAP | C77562-8 | 0701 |
| P | BOLT | 227651 | 0701 |

RA PD 319592G

**FIGURE 07-17 — SPEEDOMETER DRIVE PARTS AND ADAPTER — C99393 — EXPLODED VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SHAFT | C77571 | 0704 |
| B | SCREW | A175986 | 0704 |
| C | BRACKET | C77589 | 0704 |
| D | INTERLOCK | A217318 | 0704 |
| E | FORK | C77568 | 0704 |
| F | BRACKET | C77587 | 0704 |
| G | BRACKET | C77585 | 0704 |
| H | WIRE | BFWX1B | 0704 |
| I | BRACKET | B181941 | 0704 |
| J | BLOCK | C77572-7 | 0704 |
| K | GASKET | A217366 | 0704 |
| L | FORK | C77564 | 0704 |
| M | RETAINER | A175984 | 0704 |
| N | WASHER | 103323 | 0704 |
| O | BALL | 104921 | 0704 |
| P | SPRING | A245957 | 0704 |
| Q | SHAFT | C77570 | 0704 |
| R | FORK | C77566 | 0704 |
| S | INTERLOCK | A217317 | 0704 |
| T | SLEEVE | A217361 | 0704 |
| U | SHAFT | D46216-4 | 0704 |
| V | SLEEVE | A217360-3 | 0704 |

RA PD 25730E

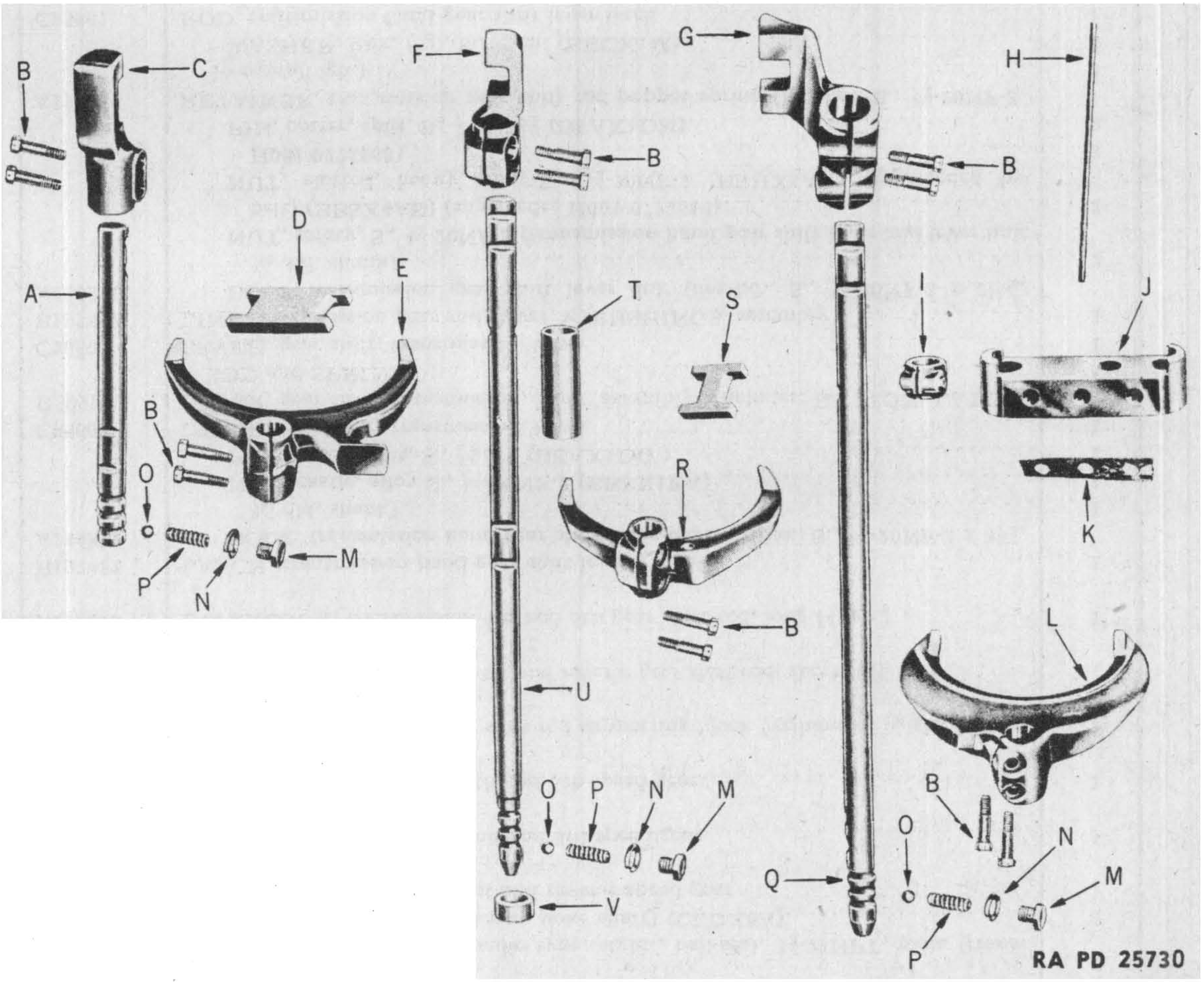



**FIGURE 07-18 — TRANSMISSION SHIFT RODS, YOKES, BRACKET w/RELATED PARTS — EXPLODED VIEW**

# GROUP 07 — TRANSMISSION

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| H-1 | H001-0829346 | 07-19 | 505476 | | PIN, stght., drill rod, .0937 x 5/8 (BFDX1BK) | 1 | |
| H-2 | H002-0217010 | | CLDX1A | CLDX1 | FITTING, lubricating, b-hd., stght., 1/8-27NPT, male (transmission gear shift lever yoke shaft) | 2 | |
| H-2 | H002-0504208 | 07-19 | 504208 | | FITTING, lubricating hydraulic type, stght., ball-seal, 1/8-27NPT, male (transmission gear shift lever fulcrum yoke shaft) (CLDX6A) | 2 | |
| | G104-0400691 | 07-15,18 | C77564 (SP-89-66-7) | C77564 | FORK, shift, transmission 1st and reverse speed gear | 1 | |
| | G104-0400692 | 07-15,18 | C77566 (SP-89-66-9) | C77566 | FORK, shift, transmission 2nd and 3rd speed gear | 1 | |
| | G104-0400693 | 07-15,18 | C77568 (SP-89-66-11) | C77568 | FORK, shift, transmission 4th and 5th speed gear | 1 | |
| | G104-0400740 | 07-18 | A217366 (SP-89-223-12) | A217366 | GASKET, transmission gear shift rod supporting block (vellumoid, 1/64 thk.) | 1 | |
| | G104-0401020 | 07-18 | A217317 (SP-89-12-1) | A217317 | INTERLOCK, transmission 1st and reverse gear shift rod, short (2 1/16 lgh.) | 1 | |
| | G104-0401030 | 07-18 | A217318 (SP-89-12-2) | A217318 | INTERLOCK, transmission 4th and 5th gear shift rod, long (4 lgh.) | 1 | |
| | G104-0401073 | 07-19 | B197452 | B197452 | LATCH, transmission hand gear shift lever | 1 | |
| | G104-0400215 | 07-19 | A244817 | A244817 | BOLT, transmission hand gear shift lever latch (rd-hd., S., 1/2-20NF-3 x 3 3/8, 9/64 dld. shank) | 1 | |
| H-1 | H001-0714250 | 07-19 | 218599 | | NUT, castle, alloy-S., 1/2-20NF-2 (BBFX1EA) | 1 | |
| H-1 | H001-0811052 | 07-19 | 103385 | | PIN, cotter, split, S., 1/8 x 1 (BEAX1DG) | 1 | |
| | G104-0401086 | 07-19 | C96603-5 | C96603 | LEVER, gear shift, transmission, hand | 1 | |
| | G104-0401105 | 07-1 | D50999 | D50999 | LEVER, gear shift, transmission, hand, assembly (Includes: BUTTON, LATCH, ROD and SPRING) | 1 | |
| | G104-0401087 | 07-19 | C96600 | C96600 | LEVER, gear shift, transmission, lower | 1 | |
| | G104-0401121 | 07-1,19 | B197517 | B197517 | LINK, transmission gear shift lever, w/BUSHINGS, assembly | 1 | |
| | G104-2124275 | 07-1,19 | A226511-4 | A226511 | BOLT, transmission gear shift lever link (hex-hd., S., 1/2-20NF-3 x 2 11/16, 9/64 dld. shank) | 2 | |
| H-1 | H001-0725680 | 07-19 | 503322 | | NUT, safety, S., 1/2-20NF-3 (transmission hand gear shift lever and lever link belt) (BBSX4AE) (supersedes H001-0722510) | 2 | |
| H-1 | H001-0722510 | | 218522 | | NUT, slotted, heavy, alloy-S., 1/2-20NF-2 (BBHX1AA) (superseded by H001-0725680) | 2 | |
| H-1 | H001-0811053 | 07-19 | 103386 | | PIN, cotter, split, S., 1/8 x 1 1/4 (BFAX1DH) | 2 | |
| | G104-0401390 | 07-2,18 | A17598 (SP-89-835-D) | A175984 | RETAINER, transmission gear shift rod poppet spring (hex-hd., S., 1/2-20NF-3, 1 1/16 overall lgh.) | 3 | |
| H-1 | H001-1518011 | 07-18 | 103323 | | WASHER, lock, reg., S., 1/2 in. (BECX1M) | 3 | |
| | G104-0401476 | 07-19 | C96602-6 | C96602 | ROD, transmission hand gear shift lever latch | 1 | |
| H-1 | H001-0811039 | 07-19 | 103373 | | PIN, cotter, split, S., 3/32 x 3/4 (BFAX1CE) | 1 | |
| H-1 | H001-1530008 | 07-19 | 103340 | | WASHER, plain, SAE std., S., 5/16 (BEBX1H) | 2 | |
| | G104-0401650 | 07-15,18 | A175986 (SP-600-D) | A175986 | SCREW, cap, hex-hd., alloy-S., 7/16-20NF-3 x 1 11/16 (for shift forks (6) shift shaft brackets (6) and shift rod stop brackets (1) | 13 | |
| | G104-0401470 | 07-2,15,18 | C77570 (SP-89-67-4) | C77570 | SHAFT, shift rod, transmission 1st and reverse speed gear (28 9/16 lgh.) | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-2373273 | 07-2,15,18 | D46216-4 (SP-89-67-S) | D46216 | SHAFT, shift rod, transmission 2nd and 3rd speed gear ($27\frac{3}{16}$ lgh.) | 1 |
| | G104-1773306 | | A294658 | A294658 | SHAFT, shift rod, transmission 2nd and 3rd speed, w/SLEEVE, assembly | 1 |
| | G104-0401480 | 07-2,15,18 | C77571 (SP-89-67-6) | C77571 | SHAFT, shift rod, transmission 4th and 5th speed gear ($12\frac{7}{8}$ lgh.) | 1 |
| | | 07-1,19 | B197451-2 | B197451 | SHAFT, transmission gear shift lever yoke, left | 1 |
| | G104-0401765 | 07-19 | B199984 | B199984 | SHAFT, transmission gear shift lever yoke, right | 1 |
| H-1 | H001-0722520 | 07-19 | 218523 | | NUT, slotted, heavy, alloy-S., $\frac{5}{8}$-18NF-2 (BBHX1BA) | 2 |
| H-1 | H001-0811053 | 07-19 | 103386 | | PIN, cotter, split, S., $\frac{1}{8}$ x $1\frac{1}{4}$ (BFAX1DH) | 2 |
| | G104-0402034 | 07-19 | A175988 | A175988 | WASHER, transmission gear shift lever yoke shaft (S., $\frac{21}{32}$ I.D. x $1\frac{1}{2}$ O.D. x $\frac{1}{8}$ thk.) | 2 |
| | G104-2387092 | 07-18 | A217360-3 (SP-89-203-3) | A217360 | SLEEVE, transmission 2nd and 3rd speed gear shift rod stop, front ($\frac{61}{64}$ I.D. x $1\frac{3}{8}$ O.D. x $\frac{5}{8}$ width) | 1 |
| | G104-0401882 | 07-18 | A217361 | A217361 | SLEEVE, transmission 2nd and 3rd speed gear shift rod stop, rear ($1\frac{1}{8}$ I.D. x $1\frac{1}{2}$ O.D. x 4.16 width) | 1 |
| | G104-0401951 | 07-18 | A245957 | A245957 | SPRING, helical, transmission gear shift rod catch ball (S., $\frac{7}{16}$ O.D., $1\frac{13}{32}$ lgh., .0915 diam. wire) | 3 |
| | G104-0401946 | 07-19 | A222917 | A222917 | SPRING, transmission hand gear shift lever latch rod button (superseded by A281201) | 1 |
| | | | A281201 | A281201 | SPRING, transmission hand gear shift lever latch rod button (supersedes G104-0401946) | 1 |
| | G104-0402060 | 07-19 | A143758 | A143758 | WASHER, transmission hand gear shift lever latch rod button (felt, $\frac{1}{4}$ I.D. x $\frac{5}{8}$ O.D. x $\frac{3}{16}$ thk.) | 1 |
| | 22W-1642125 | | BFWX1B | BFWX1 | WIRE, lock, steel, low carbon, black anld., .0625 in. diam. (transmission gear shift rod supporting block) | as req. |
| | G104-0402081 | | B197518 | B197518 | YOKE, transmission gear shift lever, w/BUSHING, assembly (for transmission w/o tachometer drive) | 1 |
| | G104-3270063 | 07-1,19 | B209790 | B209790 | YOKE, transmission gear shift lever, w/BUSHING, assembly (for transmission w/tachometer drive) | 1 |
| | G104-0400200 | 07-19 | A217314 (SP-8580) | A217314 | BOLT, transmission gear shift lever yoke (hex-hd., S., $\frac{1}{4}$-20NF-3 x $3\frac{1}{8}$) | 2 |
| H-1 | H001-0725680 | 07-19 | 503322 | | NUT, safety, S., $\frac{1}{2}$-20NF-3 (BBSX4AE) | 2 |

## 0706.1—TRANSMISSION OIL PUMP

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0302385 | 07-22 | B183558 | B183558 | GASKET, transmission oil pump cap (vellumoid, $\frac{1}{32}$ thk.) | 1 |
| | G104-0401377 | 07-22 | D47586 (WIL-ER-1206) | D47586 | PUMP, oil, transmission, assembly (Includes: BODY, GASKETS, KEY, PIN, PLATE, PLUG, ROTORS, SCREW, SHAFT, SNAP RINGS, SPRING, VALVE, and WIRE) | 1 |
| H-1 | H001-1031221 | 07-22 | 220635 | | SCREW, cap, hex-hd., S., dld. f/lkg-wire, $\frac{3}{8}$-16NC-2 x $1\frac{1}{4}$ (BCAX4AE) | 3 |
| | G104-0401654 | 07-22 | A222890D | A2220890 | SCREW, cap, transmission oil pump (hex-hd., S., dld. f/lkg-wire, $\frac{3}{8}$-16NC-3 x $1\frac{3}{4}$) | 3 |
| | G104-0401620 | 07-22 | A175982B | A175982 | SCREW, cap, transmission oil pump (hex-hd., S., dld. f/lkg-wire, $\frac{3}{8}$-16NC-2 x 1) | 1 |

## 0706.3—TRANSMISSION OIL COOLER AND RELIEF VALVE

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0100037 | 07-20,21 | A223001 | A223001 | ANGLE, transmission oil cooler to bulkhead, right (upper and lower) | 2 |
| | | 07-20 | A222998 | A222998 | ANGLE, transmission oil cooler to bulkhead, left (upper and lower) | 2 |
| H-1 | H001-0116218 | 07-21 | 216253 | | SCREW, cap, hex-hd., S., $\frac{1}{4}$-24NF-2 x $\frac{1}{2}$ (BCBX5B) | 4 |
| H-1 | H001-1013212 | | 115547 | | WASHER, lock, internal teeth, S., $\frac{1}{4}$ (BEAX1H) | 4 |
| | | 07-20 | D81035 | D81035 | BODY, transmission oil cooler | 1 |

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | FITTING | 504208 | 0704 |
| B | SHAFT | B197451-2 | 0704 |
| C | PIN | 103385 | 0704 |
| D | NUT | 218599 | 0704 |
| E | ROD | C96602-6 | 0704 |
| F | BUTTON | A170335 | 0704 |
| G | SPRING | A222917 | 0704 |
| H | PIN | 505476 | 0704 |
| I | WASHER | A143758 | 0704 |
| J | LEVER | C96603-5 | 0704 |
| K | LATCH | B197452 | 0704 |
| L | WASHER | 103340 | 0704 |
| M | PIN | 103373 | 0704 |
| N | BOLT | A244817 | 0704 |
| O | WASHER | A175988 | 0704 |
| P | NUT | 218523 | 0704 |
| Q | PIN | 103386 | 0704 |
| R | BUSHING | A226513 | 0704 |
| S | LEVER | C96600 | 0704 |
| T | SHAFT | B199984 | 0704 |
| U | BOLT | A226511-4 | 0704 |
| V | NUT | 503322 | 0704 |
| W | PIN | 103386 | 0704 |
| X | BOLT | A217314 | 0704 |
| Y | NUT | 503322 | 0704 |
| Z | BUSHING | A217325 | 0704 |
| AA | BODY (furnished only as part of LINK ass'y, B197517) | | 0704 |
| AB | BODY (furnished only as part of YOKE ass'y, B209790) | | 0704 |

RA PD 25736E

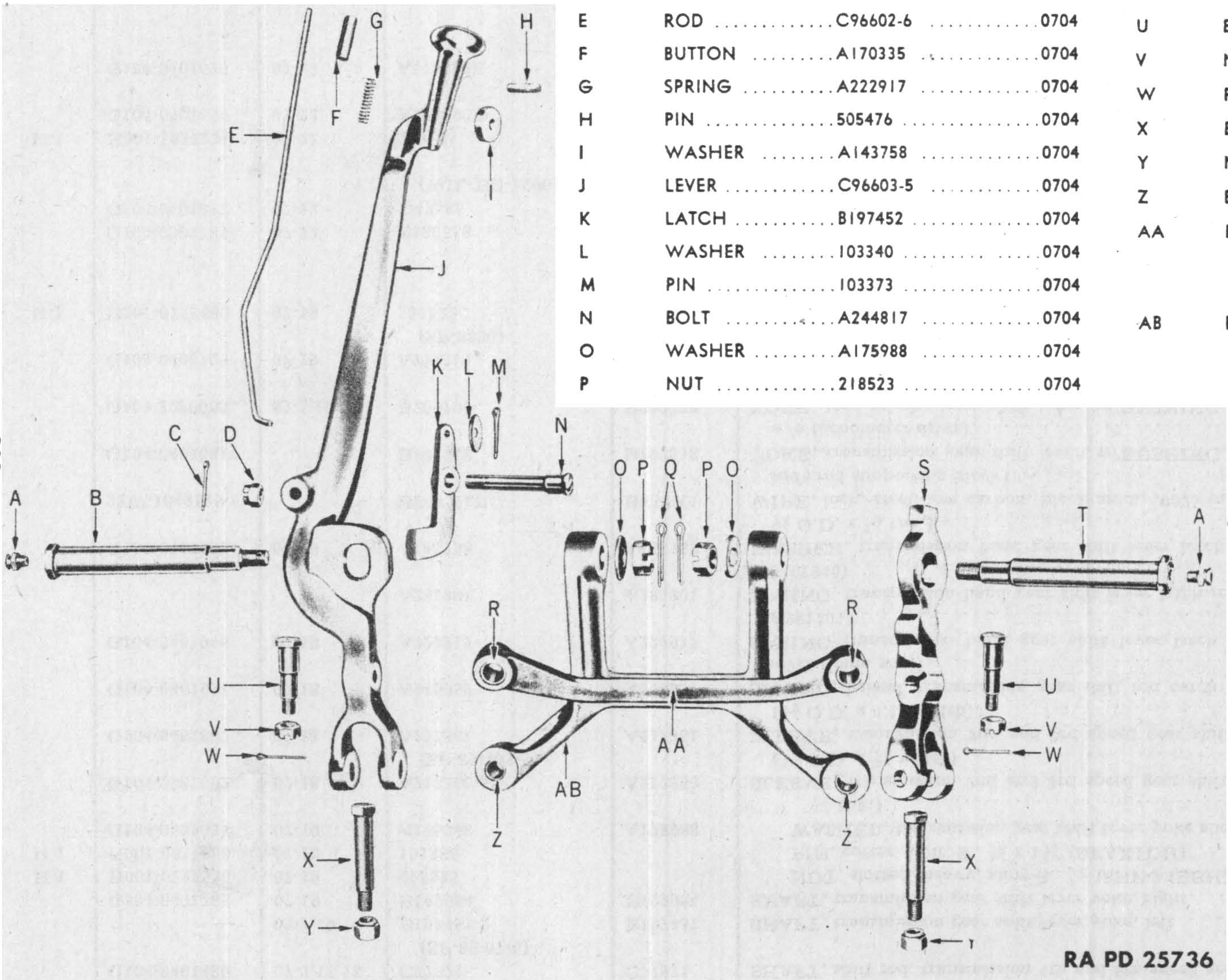
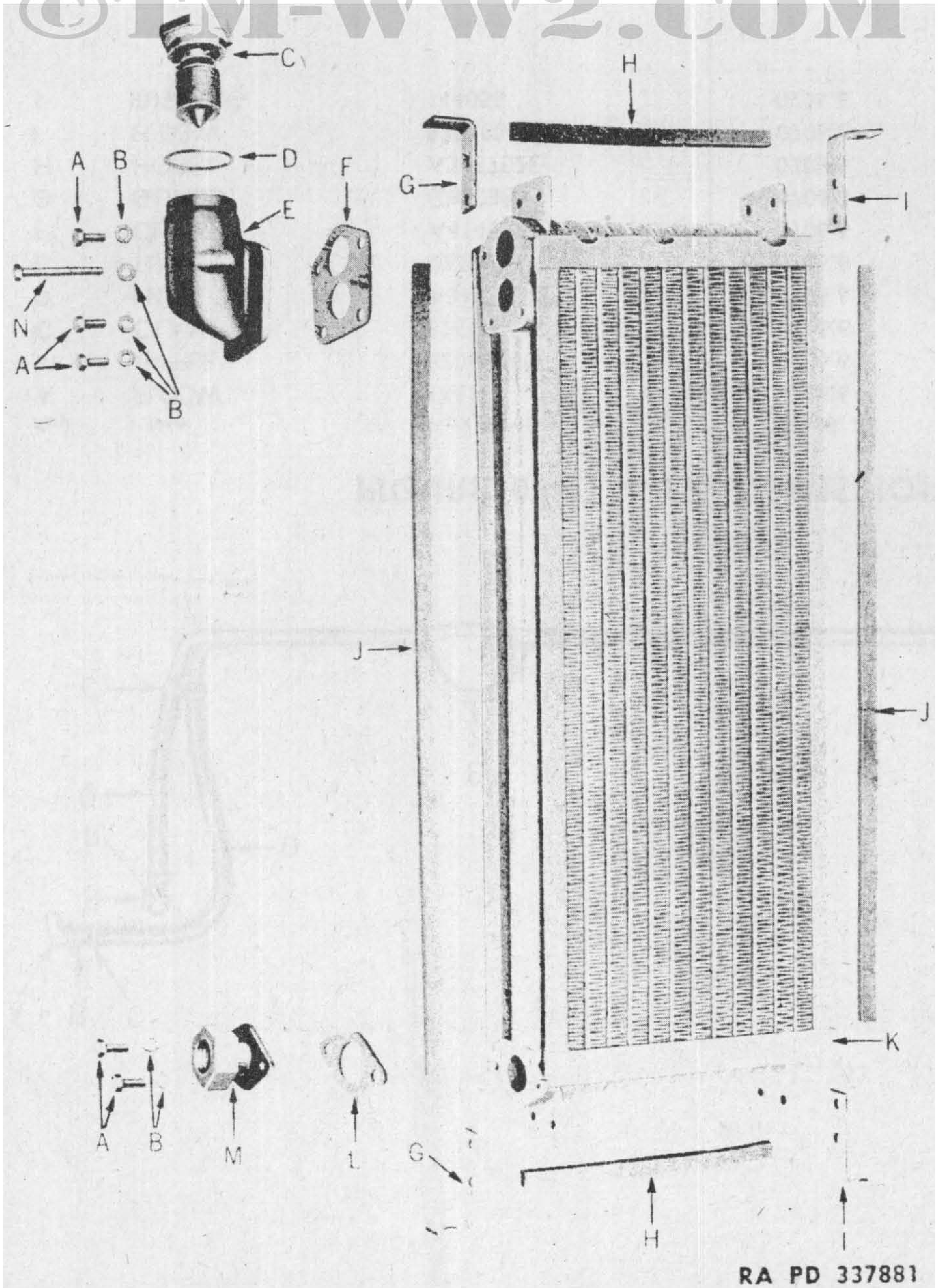





**FIGURE 07-19 — TRANSMISSION SHIFT LEVER, YOKES AND SHAFTS — EXPLODED VIEW**




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BOLT | 223955 | 0706.3 |
| B | WASHER | 103319 | 0706.3 |
| C | THERMOSTAT, ass'y | HR-D-8504694 | 0706.3 |
| D | WASHER (furnished only as part of THERMO-STAT, HR-D-8504694 | | 0706.3 |
| E | VALVE | B297557A | 0706.3 |
| F | GASKET | A383405 | 0706.3 |
| G | ANGLE | A223001 | 0706.3 |
| H | FILLER | A222997A | 0706.3 |
| I | ANGLE | A222998 | 0706.3 |
| J | FILLER | A222997C | 0706.3 |
| K | BODY | D81035 | 0706.3 |
| L | GASKET | A244969 | 0706.3 |
| M | FITTING | A244947 | 0706.3 |
| N | BOLT | 223580 | 0706.3 |

RA PD 337881C

**FIGURE 07-20 — TRANSMISSION OIL COOLER ASSEMBLY, D81039B — EXPLODED VIEW**

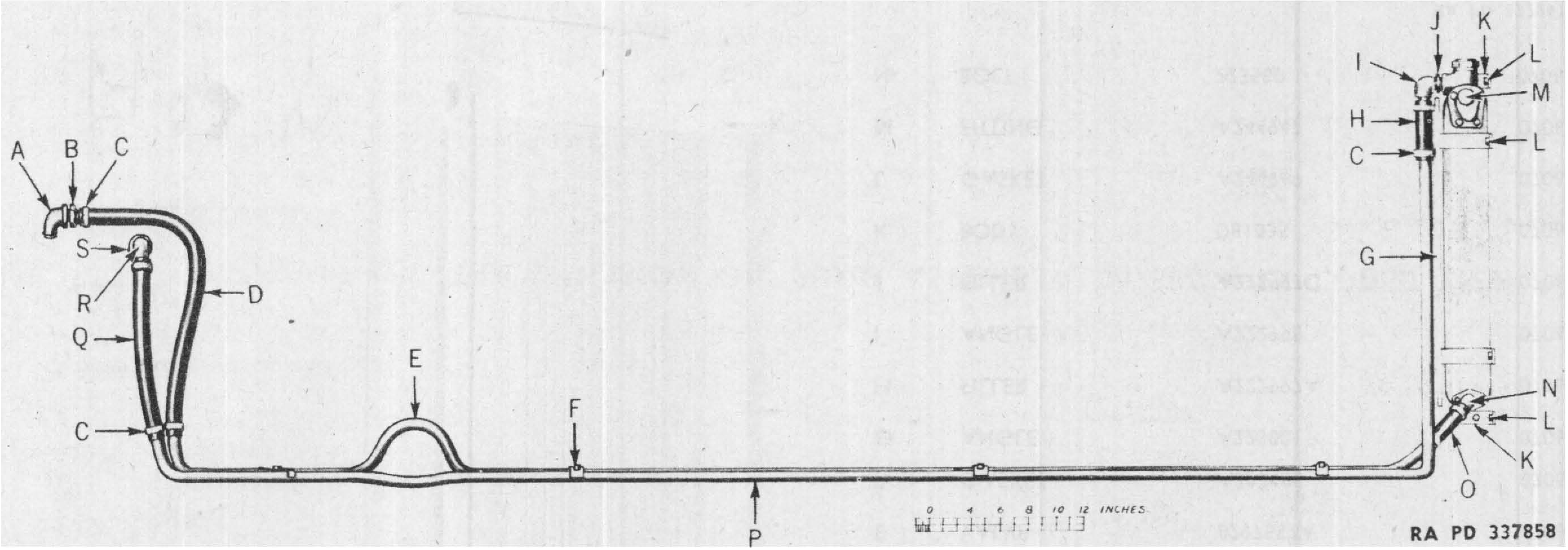
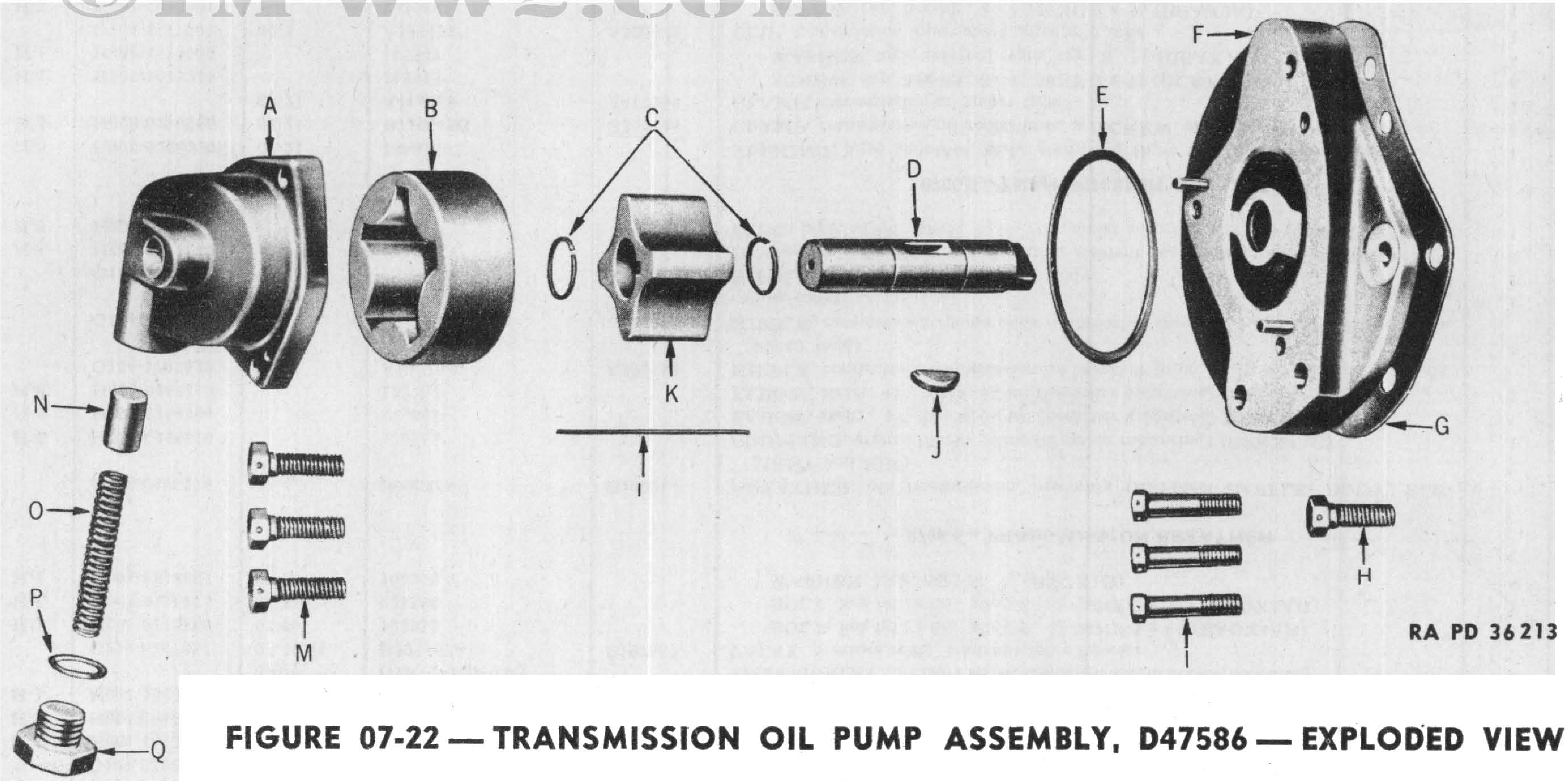



**FIGURE 07-21 — TRANSMISSION OIL COOLER AND LINES**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | ELBOW | 144113 | 0706.6 |
| B | NIPPLE | B208806G | 0706.6 |
| C | CLAMP | B259545G | 0706.6 |
| D | HOSE | A345752G | 0706.6 |
| E | TUBE | D52825 | 0706.6 |
| F | CLAMP | A414059 | 0706.6 |
| G | GUARD | C85088 | 0706.3 |
| H | HOSE | A345752E | 0706.6 |
| I | ELBOW | B208801E | 0706.6 |
| J | BUSHING | 144056 | 0706.6 |
| K | ANGLE | A223001 | 0706.3 |
| L | SCREW | 216253 | 0706.3 |
| M | VALVE | B297557A | 0706.3 |
| N | ELBOW | B208803E | 0706.6 |
| O | HOSE | A345752E | 0706.6 |
| P | TUBE | D52826 | 0706.6 |
| Q | HOSE | A345752F | 0706.6 |
| R | ELBOW | B208801E | 0706.6 |
| S | COUPLING | 144101 | 0706.6 |

RA PD 337858C




# FIGURE 07-22 — TRANSMISSION OIL PUMP ASSEMBLY, D47586 — EXPLODED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BODY (furnished only as part of PUMP ass'y, D47586) | | 0706.1 |
| B | ROTOR (furnished only as part of PUMP ass'y, D47586) | | 0706.1 |
| C | RING (furnished only as part of PUMP ass'y, D47586) | | 0706.1 |
| D | SHAFT (furnished only as part of PUMP ass'y, D47586) | | 0706.1 |
| E | GASKET (furnished only as part of PUMP ass'y, D47586) | | 0706.1 |
| F | PLATE (furnished only as part of PUMP ass'y, D47586) | | 0706.1 |
| G | GASKET | B183558 | 0706.1 |
| H | SCREW | A175982B | 0706.1 |
| I | SCREW | A222890D | 0706.1 |
| J | KEY (furnished only as part of PUMP ass'y, D47586) | | 0706.1 |
| K | ROTOR (furnished only as part of PUMP ass'y, D47586) | | 0706.1 |
| L | WIRE (furnished only as part of PUMP ass'y, D47586) | | 0706.1 |
| M | SCREW | 220635 | 0706.1 |
| N | VALVE (furnished only as part of PUMP ass'y, D47586) | | 0706.1 |
| O | SPRING (furnished only as part of PUMP ass'y, D47586) | | 0706.1 |
| P | GASKET (furnished only as part of PUMP ass'y, D47586) | | 0706.1 |
| Q | PLUG (furnished only as part of PUMP ass'y, D47586) | | 0706.1 |

RA PD 36213E

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-7009202 | 07-20 | D81039B | D81039 | COOLER, oil transmission, assembly (Includes: FITTING and VALVE) | 1 | |
| H-1 | H001-0725851 | | 503376 | | NUT, safety, S., ¼-28NF-3 (BBWX1AA) | 8 | |
| H-1 | H001-1013214 | | 215913 | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ⅞ (BCBX1AB) | 8 | |
| | G104-1582895 | 07-20 | A222997C | A222997 | FILLER, transmission oil cooler, long (felt) | 2 | |
| | G104-0302187 | 07-20 | A222997A | A222997 | FILLER, transmission oil cooler, short (felt) | 2 | |
| | | 07-20 | A244947 | A244947 | FITTING, oil cooler inlet | 1 | |
| H-1 | H001-0116166 | 07-20 | 223955 | | BOLT, hex-hd., s-fin., alloy-S., ¼-28NF-2 x ⅝ (BAOX4AB) | 2 | |
| H-1 | H001-1518007 | 07-20 | 103319 | | WASHER, lock, reg., S., ¼ (BECX1G) | 2 | |
| | G104-1593743 | 07-20 | A244969 (HR-8506051) | A244969 | GASKET, adapter, transmission oil cooler (compressed asbestos) | 1 | |
| | G104-5283405 | 07-20 | A383405 | A383405 | GASKET, transmission oil cooler pressure relief valve | 1 | |
| | G104-0302755 | 07-21 | C85088 | C85088 | GUARD, transmission oil cooler to bulkhead | 1 | |
| H-1 | H001-1013228 | | 216253 | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ½ (BCBX5B) | 4 | |
| H-1 | H001-1013214 | | 215913 | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ⅞ (BCBX1AB) | 2 | |
| H-1 | H001-1519009 | | 115547 | | WASHER, lock, internal teeth, reg., S., ¼ (BEAX1H) | 4 | |
| | | 07-20 | (HR-D-8504694) | | THERMOSTAT, pressure relief, transmission oil cooler, assembly | 1 | |
| | G212-6297557 | 07-20,21 | B297557A | B297557 | VALVE, pressure relief, transmission oil cooler | 1 | |
| H-1 | H001-0116166 | 07-20 | 223955 | | BOLT, hex-hd., s-fin., alloy-S., ¼-28NF-2 x ⅝ (BAOX4AB) | 3 | |
| H-1 | H001-0116175 | 07-20 | 223580 | | BOLT, hex-hd., s-fin., alloy-S., ¼-28NF-2 x 2¼ (BAOX1AH) | 1 | |
| H-1 | H001-1518007 | 07-20 | 103319 | | WASHER, lock, reg., S., ¼ (BECX1G) | 4 | |
| | | | | | **0706.5—TRANSMISSION BREATHER** | | |
| | G104-0400276 | 07-4 | B200254 | B200254 | BREATHER, oil, transmission, assembly (Includes: BAFFLE, BODY, ELEMENT and PIN) | 1 | |
| H-6 | H006-0256510 | | 120755 | | COUPLING, stght., black, ⅜ in. (breather mounting) (CPEX2AC) | 1 | |
| H-6 | H006-0264404 | | 119093 | | ELBOW, stght., 45°, black, ⅜ in. (breather mounting) (CPAX2AC) | 1 | |
| H-6 | H006-0265410 | | 120702 | | ELBOW, street, 45°, black, ⅜ in. (breather mounting) (CPBX6AB) | 1 | |
| | G104-1707528 | | A302755 | A302755 | NIPPLE, connection, transmission oil breather (pipe, W.I., ⅜-18NPT both ends 2¼ in. long) | 1 | |
| | G104-1707529 | | A302756 | A302756 | NIPPLE, connection, transmission oil breather (pipe, W.I., ⅜-18NPT both ends, 4 in. long) | 1 | |
| | G104-2917487 | | A226916 | A226916 | NIPPLE, transmission oil breather body | 1 | |
| H-1 | H001-0811040 | | 103374 | | PIN, cotter, split, S., $\frac{3}{32}$ x 1 (breather element and baffle retaining) (BFAX1CG) | 3 | |
| H-6 | H006-0283910 | | 219198 | | PLUG, pipe, sq-hd., glvd., ⅜ in. (transmission breather hole) (CPMX1BC) | 1 | |
| | | | | | **0706.6—TRANSMISSION OIL LINES** | | |
| H-6 | H006-0210250 | 07-21 | 144056 | | BUSHING, pipe, shoulder, M.I., glvd., 1¾ (hose to elbow, pressure relief) | 1 | |
| H-6 | H006-0210916 | 07-21 | B259545G | B259545 | CLAMP, transmission oil cooler hose, w/SCREW, assembly (1¼ in. diam.) | 8 | |
| | | 07-21 | A414059 | A414059 | CLAMP, transmission oil cooler tube | 4 | |
| H-1 | H001-1013214 | | 215913 | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ⅞ (BCBX1AB) | 4 | |
| H-1 | H001-1519009 | | 115547 | | WASHER, lock, internal teeth, reg., S., ¼ (BEAX1H) | 4 | |
| | G104-2137995 | 07-3 | A326472 | A326472 | CLIP, transmission input shaft oil supply tube | 1 | |
| H-1 | H001-1013001 | | 193982 | | SCREW, cap, hex-hd., S., ¼-20NC-2 x ½ (BCAX3A) | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| H-1 | H001-1516007 | | 108578 | | WASHER, lock, hv., S., ¼ (BECX3G) | 1 |
| H-6 | H006-0221515 | 07-21 | 144101 | | COUPLING, pipe, reducing, M.I., beaded, glvd., ½x⅜ (oil line elbow, transmission) | 1 |
| H-6 | H006-0222314 | 07-1,21 | B208801E | B208801 | ELBOW, hose, 90°, transmission oil cooler, assembly (Includes: NUT and SLEEVE) | 2 |
| H-6 | H006-0222214 | 07-21 | B208803E | B208803 | ELBOW, hose, 45°, transmission oil cooler (lower) | 1 |
| H-6 | H006-0264568 | | 144129 | | ELBOW, hose, transmission oil cooler, left (CPBX1BE) | 1 |
| H-6 | H006-0265490 | 07-1,21 | 144113 | | ELBOW, street, M.I., 90°, glvd., ¾ in. (transmission to oil cooler ) (CPBX5BE) | 1 |
| H-6 | H006-0333120 | 07-3 | B183361E | B183381 | ELBOW, transmission input shaft oil supply tube | 1 |
| | G104-7008978 | 07-21 | A345752E | A345752 | HOSE, transmission oil cooler (4½ in. long) | 2 |
| | G210-7005700 | 07-21 | A345752F | A345752 | HOSE, transmission to oil cooler tube (13½ in. long) | 1 |
| | | 07-21 | A345752G | A345752 | HOSE, transmission to oil cooler tube (24 in. long) | 1 |
| | G104-2765030 | | A345932 | A345932 | INLET, oil, transmission input shaft, assembly (Includes: BUSHING and TUBE) (optional with INLET, G104-2232693) | 1 |
| | G104-2232693 | 07-3 | A326491 (WH-289201) | A326491 | INLET, oil, transmission input shaft, assembly (Includes: ELBOW and TUBE) (optional with INLET, G104-2765030) | 1 |
| H-6 | H006-0270630 | | 187146 | | NIPPLE, pipe, br., std., short ¾ x 2 (oil cooler thermostat to elbow) (CPNX2EG) | 1 |
| H-6 | H006-0224818 | 07-21 | B208806G | B208806 | NIPPLE, transmission elbow to oil cooler hose | 3 |
| | G104-2314903 | | B209497E | B209497 | NUT, transmission input shaft oil supply tube | 2 |
| H-6 | H106-0189917 | | B209498E | B209498 | RING, transmission input shaft oil supply tube | 2 |
| | G104-2407821 | 07-3 | C100486 | C100486 | TUBE, oil supply, transmission input shaft (steel tubing, ⅜ O.D. x .032 wall) | 1 |
| | | 07-21 | D52826 | D52826 | TUBE, transmission oil cooler to transmission | 1 |
| | | 07-21 | D52825 | D52825 | TUBE, transmission to oil cooler | 1 |

## GROUP 09 — PROPELLER SHAFT

### 0900—PROPELLER SHAFT AND UNIVERSAL JOINT ASSEMBLY AND PARTS

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0600100 | 09-1 | A214477 (SP-K5-6-78X) | A214477 | BEARING, needle, propeller shaft universal joint, assembly (also part of KIT, G104-0600700) | 8 |
| | G104-1531675 | 09-1 | A214480 (SP-K5-14-29) | A214480 | CAP, dust, propeller shaft sleeve yoke | 1 |
| | G104-0601201 | 09-1 | A214478 (SP-K5-70-49) | A214478 | CAP, propeller shaft universal joint needle bearing (also part of KIT, G104-0600700) | 8 |
| H-2 | H002-0504208 | 09-1 | 504208 (SP-99-29) | | FITTING, lubricating, hydraulic type, stght., ball seal, ⅛-27NPT, male (propeller shaft universal joint journal, assembly) (zerk) (CLDX6A) (also part of KIT, G104-0600700) | 2 |
| | G104-1593795 | | A214484 (SP-K5-86-79) | A214484 | GASKET, propeller shaft universal joint journal | 8 |
| | G104-1649045 | 09-1 | 2173956 (SP-KR5-5-108X) | | JOURNAL, propeller shaft universal joint, assembly (Includes: BEARINGS, OIL SEAL, RETAINER and VALVE) (also part of KIT, G104-0600700) | 2 |
| | G104-0600700 | | A294020 (SP-K5-16X) | A294020 | KIT, repair, propeller shaft universal joint (Consists of: | 2 |
| | | | A214477 (SP-KR5-6-78X) | A214477 | 4 BEARING, needle, propeller shaft universal joint, assembly | |
| | | | A214478 (SP-K5-70-49) | A214478 | 4 CAP, propeller shaft universal joint needle bearing | |
| | | | 504208 (SP-99-29) | | 1 FITTING, lubricating, propeller shaft universal joint journal, assembly | |
| | | | 2173956 (SP-KR5-5-108X) | | 1 JOURNAL, propeller shaft universal joint, assembly *(Cont.)* | |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | (*Cont.*) | | |
| | | | A214479 (SP-98-741) | A214479 | 4 PLATE, lock, propeller shaft universal joint needle bearing cap | | |
| | | | A214483 (SP-5-73-109) | A214483 | 8 SCREW, cap, propeller shaft universal joint needle bearing cap lock plate) | | |
| | G104-0601231 | 09-1 | A214479 (SP-98-741) | A214479 | PLATE, lock, propeller shaft universal joint needle bearing cap (also part of KIT, G104-0600700) | 8 | |
| | G104-0601651 | 09-1 | A214483 (SP-5-73-109) | A214483 | SCREW, cap, propeller shaft universal joint needle bearing cap lock plate (also part of KIT, G104-0600700) | 8 | |
| | G104-0601275 | | 98785 (SP-98-78-5) | | PLUG, oil, propeller shaft sleeve yoke, assembly | 1 | |
| | G067-1800095 | | (SP-K5-68-33) | | PLUG, propeller shaft universal joint sleeve yoke | 1 | |
| | G212-5636139 | 09-1 | C136139 | C136139 | PULLEY, generator drive, propeller shaft | 1 | |
| | | 09-1 | A277634C | A277634 | BOLT, propeller shaft to transmission (special) | 8 | |
| | G212-5277633 | 09-1 | A277633 | A277633 | NUT, propeller shaft to transmission (special) | 8 | |
| | 22W-1642100 | | BFWX1A | BFWX1 | WIRE, locking, steel, low carbon, bright anld., .0410 diam | as req. | |
| | G104-1767607 | | A214485 (SP-K5-76-17) | A214485 | RETAINER, propeller shaft universal joint bearing oil seal | 8 | |
| | | 09-1 | (SP-K5-60-232-212-7812) | | SHAFT, propeller | 1 | |
| | G104-6580476 | 09-1 | D80476A (SP-9326-1-SF) | D80476 | SHAFT, propeller, w/universal JOINTS, assembly (85 in. long) | 1 | |
| | G212-5277634 | | A277634A | A277634 | BOLT, propeller shaft to engine (hex-hd., S., 3/8-24NF-2 x 1 3/8) (special) (superseded by BOLT, G104-5416543) | 8 | |
| | G104-5416543 | | A416543 | A416543 | BOLT, propeller shaft to engine (supersedes BOLT, G212-5277634) | 8 | |
| | G104-7008861 | 09-1 | A277634C | A277634 | BOLT, propeller shaft to transmission | 8 | |
| | G212-5277633 | 09-1 | A277633 | A277633 | NUT, safety, propeller shaft (S., 3/8-24NF-3) | 16 | |
| | G104-5416553 | | A416553 | A416553 | NUT, propeller shaft to engine bolt (used with BOLT, G104-5416543) | 8 | |
| | 22W-1642100 | | BFWX1A | BFWX1 | WIRE, locking, steel, low carbon, bright anld., .0410 diam | as req. | |
| | G104-0602501 | 09-1 | A214452 (SP-98-798) | A214452 | VALVE, relief, propeller shaft universal joint journal (1/8-27NPT, male, 45 to 80 lbs. sq. in.) | 2 | |
| | G104-1842719 | 09-1 | A214482 (SP-K5-16-33) | A214482 | WASHER, propeller shaft sleeve yoke dust cap (cork) | 1 | |
| | G102-0307100 | 09-1 | A214481 (SP-K5-15-33) | A214481 | WASHER, retainer, propeller shaft sleeve yoke dust cap gasket | 2 | |
| | G104-0603202 | 09-1 | C85585 (SP-K5-2-379) | C85585 | YOKE, flange, propeller shaft | 2 | |
| | G104-0603195 | 09-1 | (SP-K5-3-348X) | | YOKE, sleeve, propeller shaft, w/PLUG, assembly | 1 | |

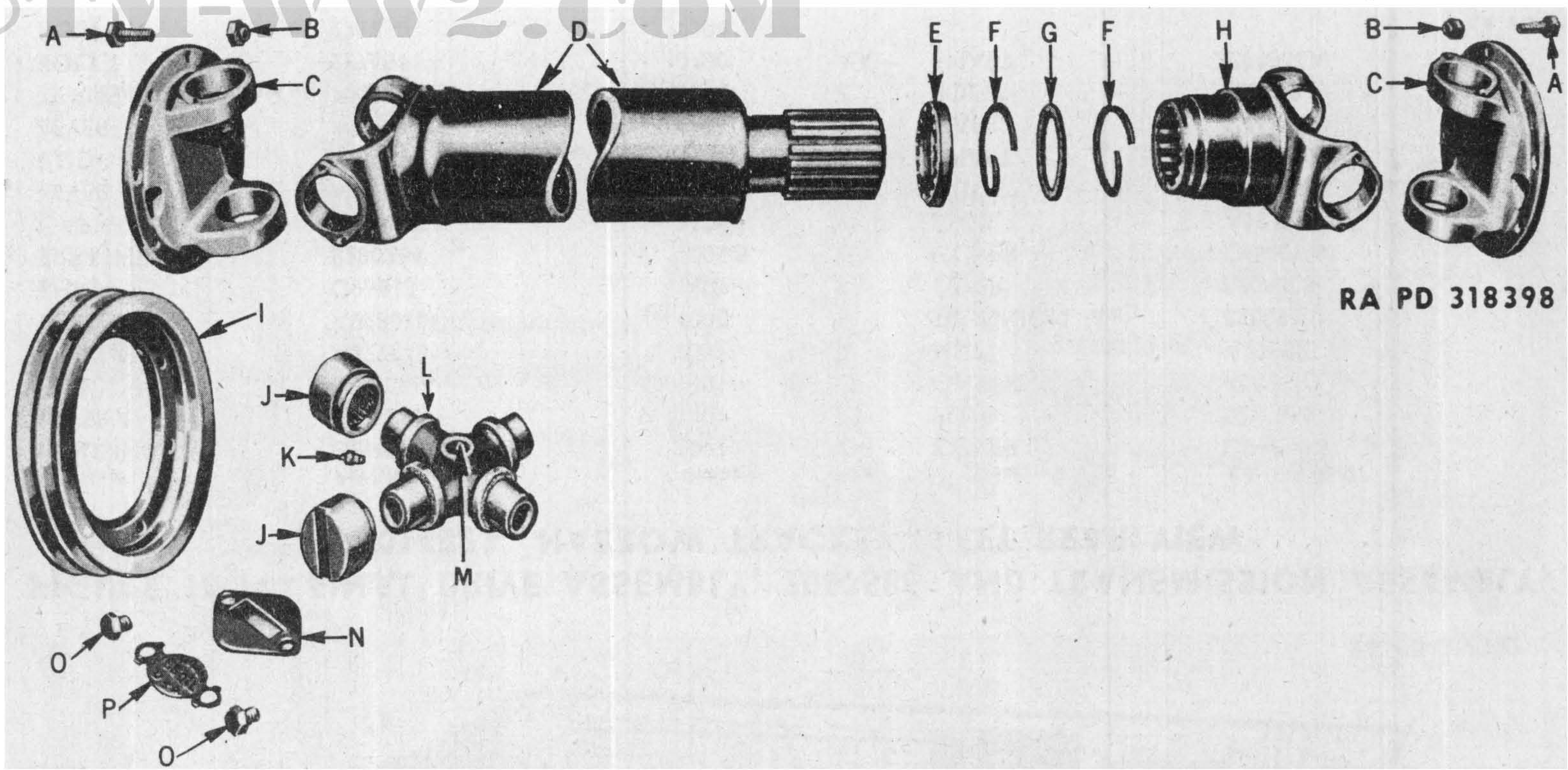



FIGURE 09-1 — PROPELLER SHAFT ASSEMBLY, D80476A — EXPLODED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BOLT | A277634C | 0900 |
| B | NUT | A277633 | 0900 |
| C | YOKE | C85585 | 0900 |
| D | SHAFT | SP-K5-60-232-212-7812 | 0900 |
| E | CAP | A214480 | 0900 |
| F | WASHER | A214481 | 0900 |
| G | WASHER | A214482 | 0900 |
| H | YOKE, ass'y | SP-K5-3-348X | 0900 |
| I | PULLEY | C136139 | 0900 |
| J | BEARING, ass'y | A214477 | 0900 |
| K | FITTING, ass'y | 504208 | 0900 |
| L | JOURNAL, ass'y | 2173956 | 0900 |
| M | VALVE | A214452 | 0900 |
| N | CAP | A214478 | 0900 |
| O | SCREW | A214483 | 0900 |
| P | PLATE | A214479 | 0900 |

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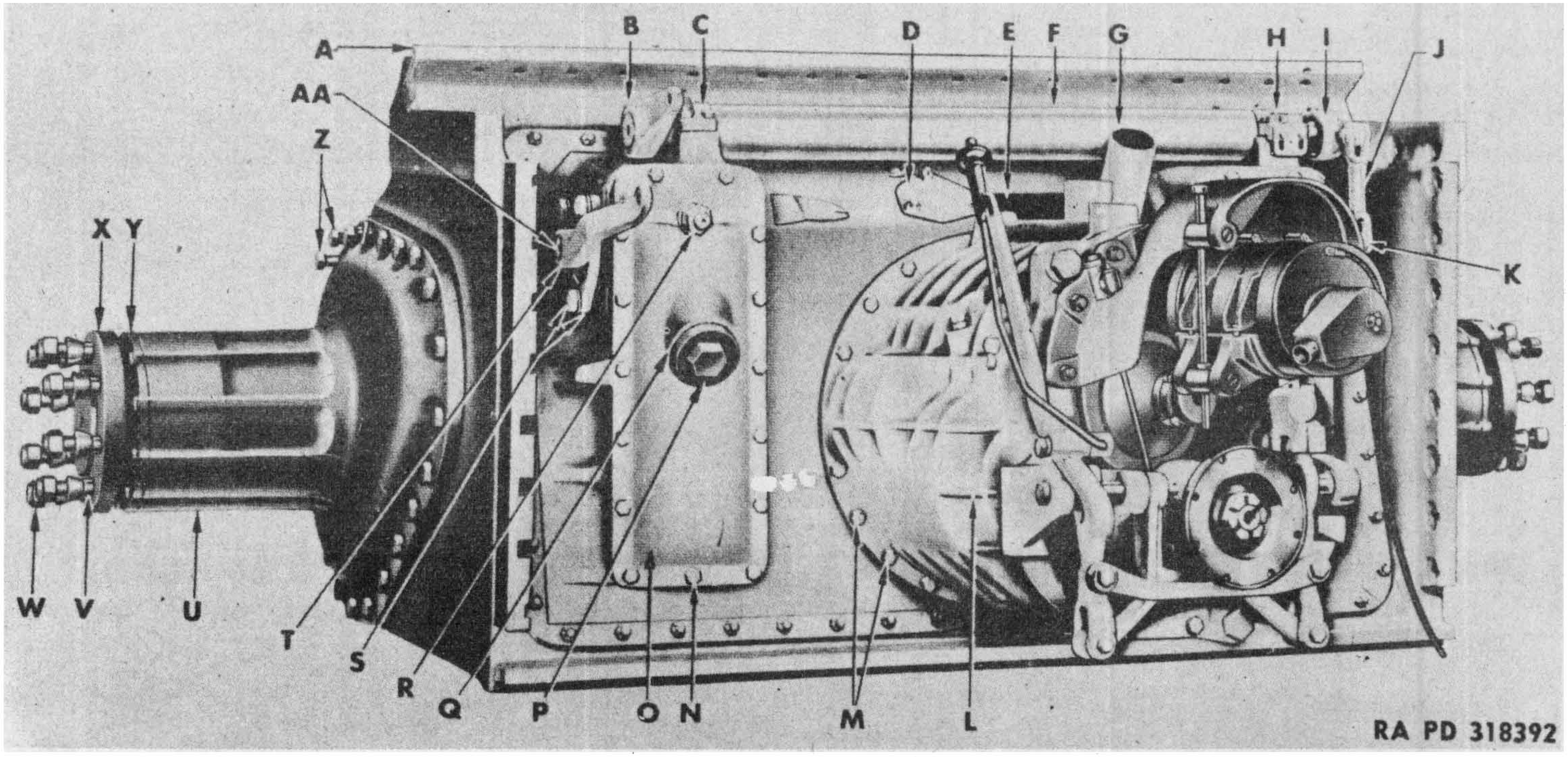



**FIGURE 10-1 — FINAL DRIVE ASSEMBLY, 7067586 AND TRANSMISSION ASSEMBLY, 7001482 — NARROW TRACKS — LEFT REAR VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | HOUSING | E8543 | 1001 |
| B | LEVER | B206316 | 1401 |
| C | CAP | B201056 | 1401 |
| D | COVER | A227843 | 1001 |
| E | PLATE | A228030 | 1000 |
| F | SHAFT | C96613 | 1401 |
| G | BREATHER, ass'y | B200254 | 1005.5 |
| H | CAP | B201057-3 | 1401 |
| I | LEVER | A278652 | 1401 |
| J | ROD | A228011 | 1401 |
| K | LEVER | A278651 | 1401 |
| L | TRANSMISSION, ass'y | 7001482 | 0700 |
| M | BOLT | 227651 | 0700 |
| N | BOLT | 227650 | 1004 |
| O | COVER | C99334-1 | 1004 |
| P | PLUG | B210050 | 1004 |
| Q | GASKET | A196383 | 1004 |
| R | NUT | A278621 | 1004 |
| S | TRUNNION, ass'y | B208910 | 1004 |
| T | LEVER | B206308 | 1401 |
| U | COVER | D46205-8 | 1008.2 |
| V | STUD | A196384 | 1304 |
| W | NUT | 503366 | 1304 |
| X | SHAFT | D46206J | 1008.2 |
| Y | CAP | C46699C | 1008.2 |
| Z | BOLT | 223452 | 1008.2 |
| AA | SHAFT | C99336A | 1401 |

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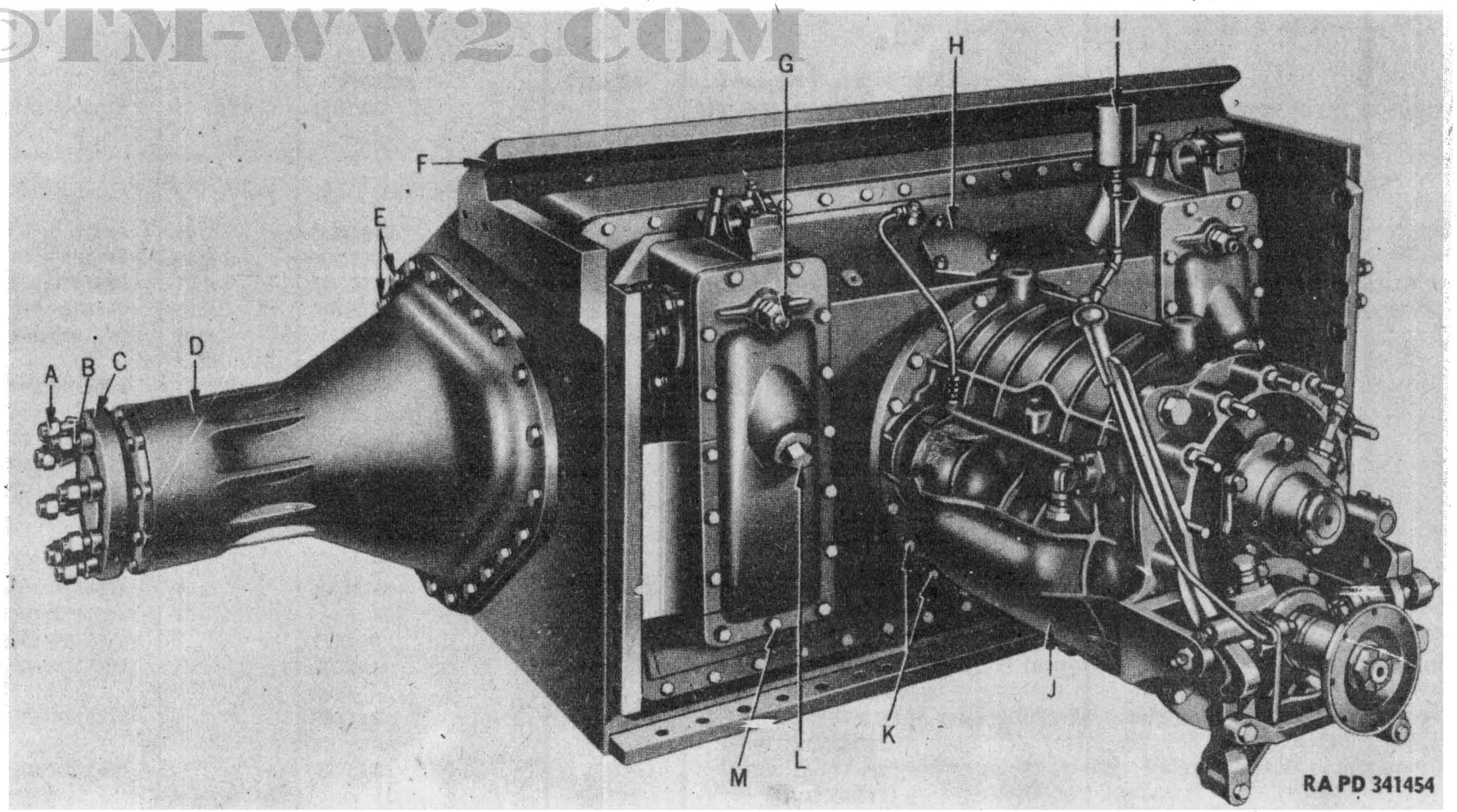
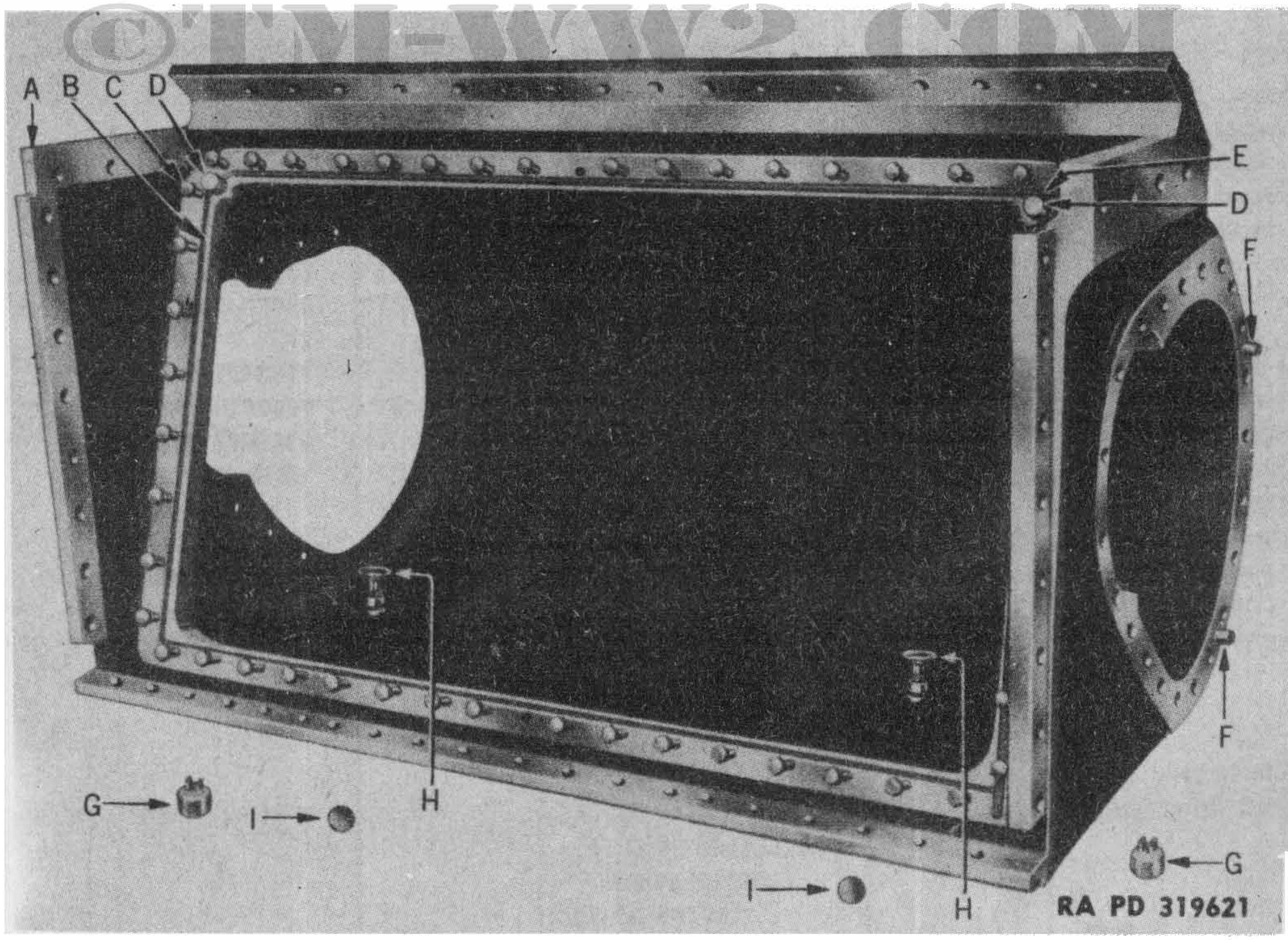



**FIGURE 10-2 — FINAL DRIVE ASSEMBLY, 7067586 AND TRANSMISSION ASSEMBLY 7001482 — WIDE TRACKS — LEFT REAR VIEW**

| *Key* | *Item* | *Part Number* | *Group* |
|---|---|---|---|
| A | NUT | 503366 | 1304 |
| B | STUD | A196384 | 1304 |
| C | SHAFT | 7012301 | 1008.2 |
| D | COVER | 7012303 | 1008.2 |
| E | BOLT | 223452 | 1008.2 |
| F | HOUSING | E8543 | 1001 |
| G | NUT | A278621 | 1004 |
| H | COVER | A227843 | 1001 |
| I | BREATHER, ass'y | B200254 | 1005.5 |
| J | TRANSMISSION, ass'y | 7001482 | 0700 |
| K | BOLT | 227651 | 0700 |
| L | PLUG | B210050 | 1004 |
| M | BOLT | 227650 | 1004 |

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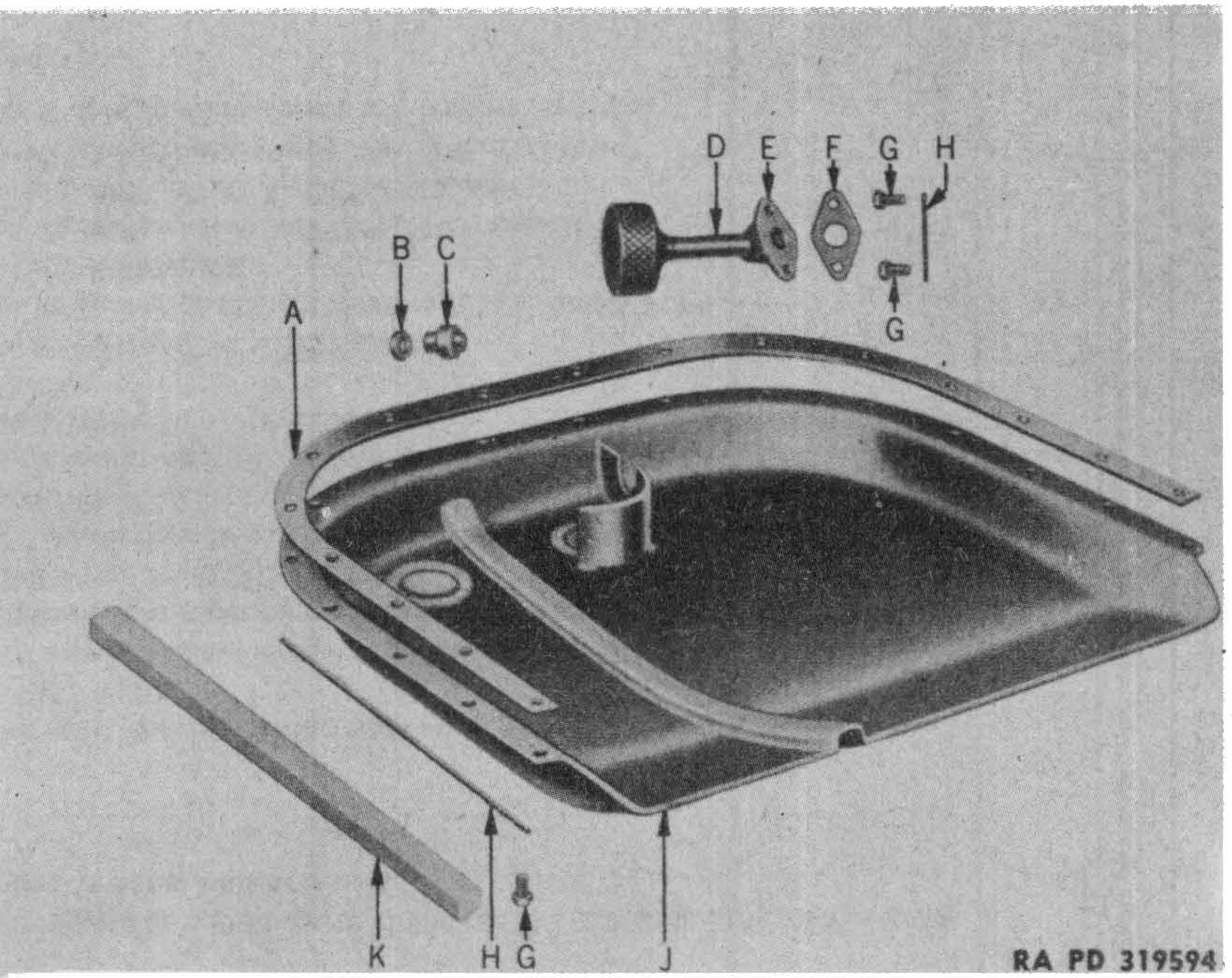
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | **1000—DIFFERENTIAL AND FINAL DRIVE ASSEMBLY** | | |
| | | 10-1,18 | 7067586 | | DRIVE, final, assembly (Includes: BRAKE, controlled DIFFERENTIAL and CARRIER, final DRIVES and HOUSING) | 1 | |
| H-1 | H001-0116344 | | 223741 | | BOLT, hex-hd., s-fin., alloy-S., 5/8-18NF-2 x 2 3/4 (housing to hull floor) (BAOX2BH) | 18 | |
| H-1 | H001-0118324 | | 228021 | | BOLT, hex-hd., s-fin., alloy-S., dld. f/lkg-wire., 5/8-11NC-2 x 1 3/4 (housing to hull floor) (BANX5BH) | 2 | |
| H-1 | H001-0116100 | | 223451 | | BOLT, hex-hd., s-fin., alloy-S., 3/4-10NC-2 x 2 1/4 (housing to hull side plate, left (1), right (1) (BANX2CF) | 2 | |
| H-1 | H001-0116377 | | 223756 | | BOLT, hex-hd., s-fin., alloy-S., 3/4-16NF-2 x 3 (housing to hull side plate, left (2), right (2) (BAOX2CK) | 4 | |
| H-1 | H001-0116384 | | 223760 | | BOLT, hex-hd., s-fin., alloy-S., 3/4-16NF-2 x 4 (housing to hull side) (BAOX2CP) | 13 | |
| H-1 | H001-0116379 | | 223758 | | BOLT, hex-hd., s-fin., alloy-S., 3/4-16NF-2 x 3 1/2 (housing to hull side plate) (BAOX2CM) | 3 | |
| H-1 | H001-0116380 | | 223759 | | BOLT, hex-hd., s-fin., alloy-S., 3/4-16NF-2 x 3 1/4 (housing to hull front plate) (BAOX2CN) | 17 | |
| H-1 | H001-0725710 | | 503334 | | NUT, safety, S., 3/4-16NF-3 (housing to hull front plate (17), to hull side plate (20) (BBSX4AH) | 37 | |
| H-1 | H001-0725700 | | 503330 | | NUT, safety, S., 5/8-18NF-3 (housing to hull floor bolt) (BBSX4AG) | 18 | |
| H-1 | H001-1518015 | | 103326 | | WASHER, lock, reg., S., 3/4 in. (BECX1R) | 2 | |
| | G104-2982807 | 10-1,5 | A228030 | A228030 | PLATE, name, final drive | 1 | |
| | G104-0401631 | 10-5 | A222818 | A222818 | SCREW, final drive name plate | 4 | |
| | | | | | **1001—DIFFERENTIAL HOUSING** | | |
| | G104-0400495 | 10-1,2,5 | A227843 | A227843 | COVER, inspection, differential carrier | 1 | |
| H-1 | H001-5423760 | 10-5 | 100159 | | SCREW, differential carrier inspection cover (BCVX2KN) | 3 | |
| H-1 | H001-0725680 | 10-5 | 103323 A227841 | A227841 | WASHER, lock, reg., S., 1/2 in. (BECX1M) | 3 | |
| | G104-2737004 | 10-1,2,3,12, 14,17,18 | E8543 | E8543 | HOUSING, differential | 1 | |
| | G104-0401236 | 10-3 | A227905 | A227905 | PIN, dowel, differential carrier to final drive housing (1 x 2 1/4) | 2 | |
| H-6 | H006-0282440 | 10-3 | 501593 | | PLUG, expansion, S., 3/4 in. diam. (differential carrier housing) (BEDX1AK) | 2 | |
| | G103-0501680 | 10-3 | A172172F | A172172 | PLUG, pipe, magnetic, differential housing drain opening (1 1/4-11 1/2NPT) | 2 | |
| | G104-0401684 | 10-3 | A227839 | A227839 | SEAL, differential carrier to housing (53 1/4 in. long) | 2 | |
| | G104-0401686 | 10-3 | A227840 | A227840 | SEAL, differential carrier to housing (28 in. long) | 2 | |
| | | | | | **1002—DIFFERENTIAL BEARINGS, CARRIER, GEARS, PINIONS AND BALANCING UNITS** | | |
| H-12 | H012-4000015 | 10-16,18 | 710149 A196389 (TD-1-ES-16301) (ND-43-L-22) | A196389 | BEARING, ball (annular, single row, 4.3303 bore, 6.6924 O.D., 1.0999 width) (steering brake drum shaft) | 2 | |




# FIGURE 10-3 — 1 PIECE DIFFERENTIAL HOUSING E8543 SINGLE OR DOUBLE ANCHOR AND RELATED PARTS

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | HOUSING | E8543 | 1001 |
| B | SEAL | A227840 | 1001 |
| C | PIN | A227905 | 1001 |
| D | BOLT | 227656 | 1002 |
| E | SEAL | A227839 | 1001 |
| F | PIN | A196392 | 1008.2 |
| G | PLUG | A172172F | 1001 |
| H | GUIDE, ass'y | A278628 | 1004 |
| I | PLUG | 501593 | 1001 |

RA PD 319621G




# FIGURE 10-4 — DIFFERENTIAL CARRIER OIL SUMP ASSEMBLY, B209773 AND RELATED PARTS

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | GASKET | C97237 | 1005.6 |
| B | SEAL | A227916 | 1005.6 |
| C | FERRULE | A227912 | 1005.6 |
| D | TUBE (furnished only as part of FLANGE ass'y, A227922) | | 1005.6 |
| E | FLANGE, ass'y | A227922 | 1005.6 |
| F | GASKET | A227921 | 1005.6 |
| G | SCREW | 220629 | 1005.6 |
| H | WIRE | BFWX1A | 1005.6 |
| J | SUMP, ass'y | B209773 | 1005.6 |
| K | SEAL | A227845 | 1005.6 |

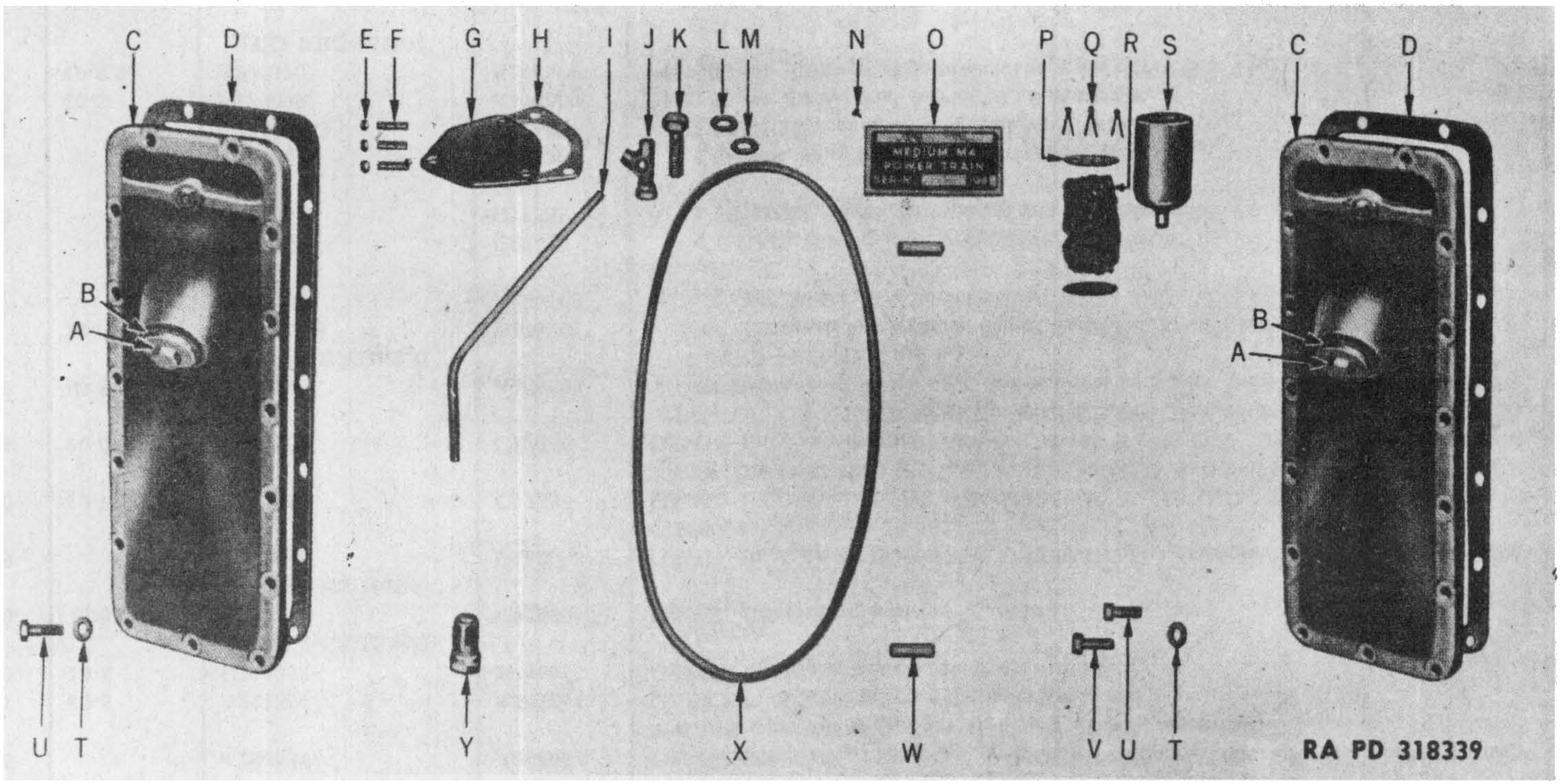
RA PD 319594G

# GROUP 10 — FINAL DRIVE



| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| H-12 | H012-1306180 | 10-6,8,9,18 | 700224<br>A196390<br>(TD-1-ES-16302)<br>(ND-3L36) | A196390 | **BEARING**, ball (single row, 7.0866 bore, 11.0236 O.D., 1.8110 width) (differential compensating case) | 2 | |
| H-12 | H012-0707645 | 10-6,7,10,11,<br>12,13,18 | 707645<br>A196388<br>(TD-1-ES-16300)<br>(HY-A-1222-TS) | A196388 | **BEARING**, roller (single row, 4.3303 bore, 7.8740 O.D., 1.4961 width) (final drive shaft pinion) | 4 | |
| H-12 | H012-0709449 | 10-8,9,18 | 709449<br>A381277<br>(RB-74188A)<br>(BN-W1328A) | A381277 | **BEARING**, roller (stght., 1.5000 bore, 2.000 O.D., 1.750 width) (differential compensating case cover) | 6 | |
| H-12 | H012-0709450 | 10-8,9,18 | 709450<br>A381276<br>(RB74187A)<br>(BN-W1327A) | A381276 | **BEARING**, roller (stght., 1.5000 bore, 2.000 O.D., 1.750 width) (differential compensating case cover) | 6 | |
| H-12 | H012-0709405 | | 709405<br>A196378<br>(HY-67256)<br>(BN-W1115BA)<br>(TD-1-ES-16279) | A196378 | **BEARING**, roller (stght., 1.5000 bore, 2.000 O.D., 1.750 width) (differential compensating case cover) | 6 | |
| H-12 | H012-0709404 | | 709404<br>A196379<br>(HY-66456)<br>(TD-1-ES-16280)<br>(BN-W115BB) | A196379 | **BEARING**, roller (stght., 1.5000 bore, 2.000 O.D., 1.750 width) (differential compensating case internal pinion bearing) | 6 | |
| | G104-0400280 | 10-8,9 | A196365D | A196365 | **BUSHING**, differential compensating case cover (steel back, bz., 4.1280 bore, 4.3120 O.D., 2.9687 width) | 2 | |
| | G104-0400365 | 10-7,8,9,18 | B201052 | B201052 | **CAGE**, differential compensating case ball bearing support | 2 | |
| | G104-0401520 | 10-8,9,18 | A175970 | A175970 | **SCREW**, differential compensating case ball bearing support cage (hex-hd., S., dld. f/lkg-wire., 9/16-12NC-2 x 1½) | 16 | |
| | 22W-1642125 | 10-8,9 | BFWX1B | BFWX1 | **WIRE**, steel, low carbon, bright annealed, .0625 diam. | as req. | |
| | G104-2563700 | 10-7 | E8522 | E8522 | **CARRIER**, differential | 1 | |
| H-1 | H001-0116056 | 10-3 | 227656 | | **BOLT**, hex-hd., s-fin., alloy-S., ½-13NC-2 x 1¾ (BANX1EF) | 48 | |
| H-1 | H001-1518011 | | 103323 | | **WASHER**, lock, reg., S., ½ (BECX1M) | 48 | |
| | | | | | Optional with: | | |
| H-1 | H001-0725680 | 10-18 | 503322 | | **NUT**, safety, S., ½-20NF-3 (BBSX4AE) | 48 | |
| | G104-0401972 | 10-18 | A227910 | A227910 | **STUD**, differential carrier (S., ½-13NC-5 (2⅝) ½-20NF-3) | 48 | |
| | G104-0400455 | 10-6,7,8,18 | D46208D | D46208 | **CASE**, compensating, differential | 1 | |
| | G104-0400450 | | D46207C | D46207 | **CASE**, compensating, differential, w/BUSHING, assembly | 1 | |
| | G104-2131610 | | A294682 | A294682 | †**CASE**, compensating, differential, w/COVERS, assembly | 1 | |
| | G104-1540284 | 10-8 | D46209A2 | D46209 | †**COVER**, differential compensating case, left (shoulder type) | 1 | |
| | G104-2580221 | | D46209B2 | D46209 | †**COVER**, differential compensating case, left (snap ring type) | 1 | |

Requisition either shoulder type covers or snap ring type covers only, one type used per differential.




## FIGURE 10-5 — DIFFERENTIAL CARRIER STEERING BRAKE COVERS, GASKETS, OIL FITTINGS AND BREATHER

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PLUG | B210050 | 1004 |
| B | GASKET | A196383 | 1004 |
| C | COVER | C99334-1 | 1004 |
| D | GASKET | B201078 | 1004 |
| E | WASHER | 103323 | 1001 |
| F | SCREW | 100159 | 1001 |
| G | COVER | A227843 | 1001 |
| H | GASKET | A227844 | 1002 |
| I | TUBE | D78108 | 1005.6 |
| J | FITTING | A328321 | 1005.6 |
| K | BOLT | A244936-1 | 1005.6 |
| L | WASHER | A244937 | 1005.6 |
| M | WASHER | A244938 | 1005.6 |
| N | SCREW | A222818 | 1000 |
| O | PLATE | A228030 | 1000 |
| P | BAFFLE (furnished only as part of BREATHER ass'y, B200254) | | 1005.5 |
| Q | PIN (furnished only as part of BREATH-ER ass'y, B200254) | | 1005.5 |
| R | ELEMENT (furnished only as part of BREATHER ass'y, B200254) | | 1005.5 |
| S | BODY, ass'y | B200256 | 1005.5 |
| T | WASHER | 103323 | 1004 |
| U | BOLT | 227650 | 1004 |
| V | BOLT | 227651 | 1004 |
| W | PIN | A176009 | 1002 |
| X | GASKET | B146053 | 1002 |
| Y | CONNECTOR | CNHX1E | 1005.6 |

RA PD 318339G

# GROUP 10 — FINAL DRIVE



| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | 10-18 | C77538A1 | C77538 | †COVER, differential compensating case, left, assembly (shoulder type) (Includes: BEARINGS and BUSHINGS) | 1 | |
| | | | C77538B1 | C77538 | †COVER, differential compensating case, left, assembly (snap ring type) (Includes: BEARINGS, BUSHINGS and SNAP RINGS) | 1 | |
| | G104-1540186 | | D46210A2 | D46210 | †COVER, differential compensating case, right (shoulder type) | 1 | |
| | G104-7007390 | 10-7,9,18 | C77540A2 | C77540 | †COVER, differential compensating case, right, assembly (shoulder type) (Includes: BEARINGS and BUSHINGS) | 1 | |
| | G104-2580222 | | D46210B2 | D46210 | †COVER, differential compensating case, right (snap ring type) | 1 | |
| | | | C77540B2 | C77540 | †COVER, differential compensating case, right, assembly (snap ring type) (Includes: BEARINGS, BUSHINGS and SNAP RINGS) | 1 | |
| | G104-0400160 | 10-8,9,18 | A196359 | A196359 | BOLT, differential compensating case cover (hex-hd., alloy-S., 1-14NF-3 x 1 11/16, 5/32 dld. shank) | 3 | |
| H-1 | H001-0713006 | 10-8,9,18 | 109879 | | NUT, castle, S., 1-14NF-2 (BBFX2E) | 3 | |
| H-1 | H001-0811055 | 10-8,9 | 103388 | | PIN, cotter, split, S., 1/8 x 1 3/4 (BFAX1DL) | 3 | |
| | G104-2151615 | | A294633 | A294633 | DIFFERENTIAL, controlled, assembly (Includes: COMPENSATING CASE, COVER, GEARS and PINIONS) | 1 | |
| | G104-0400545 | | A294634 | A294634 | DIFFERENTIAL, controlled, w/HOUSING and CARRIER, assembly (Includes: CASE with GEARS, FLANGE and TUBE, assembly) | 1 | |
| | G104-0400761 | 10-5 | A227844 | A227844 | GASKET, differential carrier inspection cover | 1 | |
| | G104-0400640 | 10-5 | B146053 (TD-2-ES-16343) | B146053 | GASKET, differential carrier to transmission | 1 | |
| | G104-0400820 | 10-8,9,18 | C77530 (TD-3-ES-16194) | C77530 | GEAR, differential, side (48 T., 9.48 O.D., 2 1/4 face) | 2 | |
| | G210-5600998 | | C100998 | C100998 | GEAR, final drive shaft (71 T., 18.083 O.D.) (matched with PINION, G104-5600999) | 2 | |
| | G104-0400960 | 10-7,18 | C77536 | C77536 | GEAR, ring, spiral bevel, differential (60 T., 20 O.D., 2 1/2 face) (matched with PINION C77535G) (optional with GEAR, G104-1596144) (furnished in sets) | 1 | |
| | G104-1596144 | 10-6,8 | C77536A | C77536 | GEAR, ring, spiral bevel, differential (60 T., 20 O.D., 2 1/2 face) (matched with PINION C77535AG) (optional with GEAR, G104-0400960) (furnished in sets) | 1 | |
| | G104-0401560 | 10-8,18 | A196394 (TD-1-ES-16323) | A196394 | SCREW, cap, differential spiral bevel ring gear (hex-hd., S., dld. f/lkg-wire. (9/64) 1/2-20NF-2 x 1 1/4) | 18 | |
| | 22W-1642125 | 10-8 | BFWX1B | BFWX1 | WIRE, steel, low carbon, bright annealed, .0625 diam | as req. | |
| | G104-2196017 | | A294708 | A294708 | GEAR SET, differential bevel drive | 1 | |
| | | | | | (Consists of: | | |
| | G104-0400960 | | C77536 | C77536 | 1 GEAR, ring, spiral bevel, drive, differential | | |
| | G104-0401330 | | C77535G | C77535 | 1 PINION, bevel, differential drive, transmission | | |
| | | | | | OR | | |
| | G104-1596144 | | C77536A | C77536 | 1 GEAR, ring, spiral bevel, drive, differential | | |
| | G104-0401311 | | C77535AG | C77535 | 1 PINION, bevel, differential drive, transmission) | | |
| | G104-0400555 | 10-5 | A176009 | A176009 | PIN, dowel, differential carrier to transmission | 2 | |
| | G104-0401280 | 10-8,9 | A196370 (TD-1-ES-16269) | A196370 | PIN, dowel, differential compensating case cover (1 x 2 3/8) | 6 | |

Requisition either shoulder type covers or snap ring type covers only, one type used per differential.

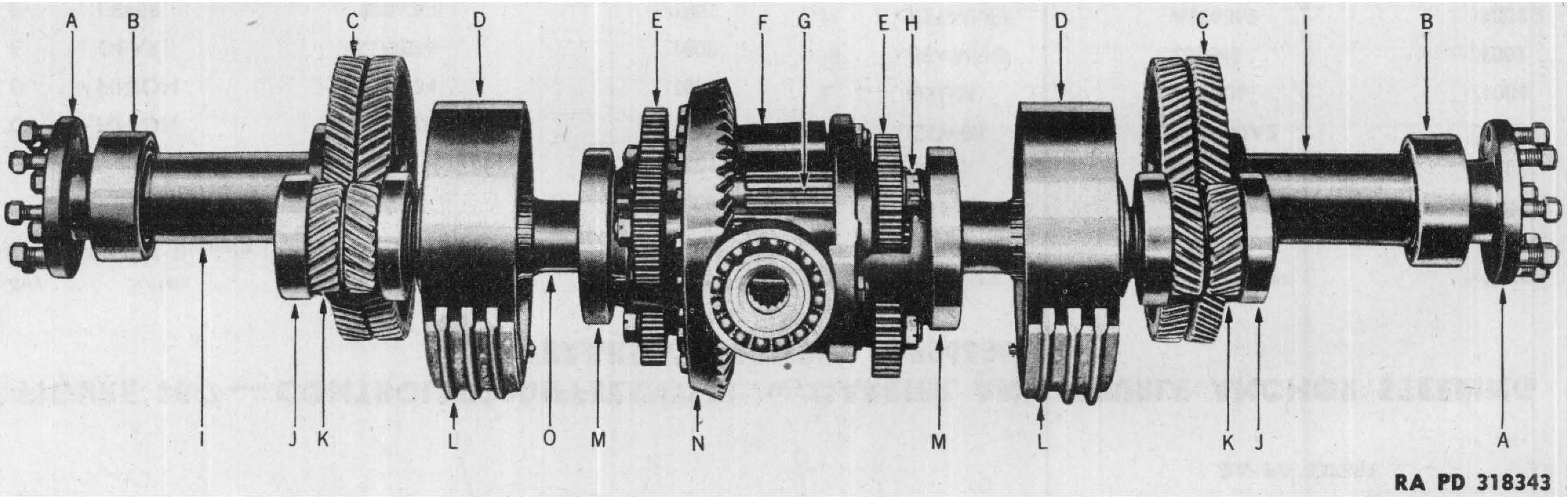



**FIGURE 10-6 — DIFFERENTIAL AND FINAL DRIVES — LESS CARRIER**

| Key | Item | Part Number | Group | Key | Item | Part Number | Group |
|---|---|---|---|---|---|---|---|
| A | SHAFT | D46206J | 1008.2 | I | SPACER | B181918C | 1008.2 |
| B | BEARING | 707689 | 1008.2 | J | BEARING | 707645 | 1002 |
| C | GEAR | 7067282 | 1008.2 | K | PINION | 7067281 | 1008.2 |
| D | DRUM | C97206 | 1004 | L | SHOE, ass'y | C99331 | 1004 |
| E | PINION | B181915 | 1002 | M | BEARING | 700224 | 1002 |
| F | CASE | D46208D | 1002 | N | GEAR | C77536A | 1002 |
| G | PINION | C77534 | 1002 | O | SHAFT | C77532 | 1002 |
| H | NUT | A196364 | 1002 | | | | |

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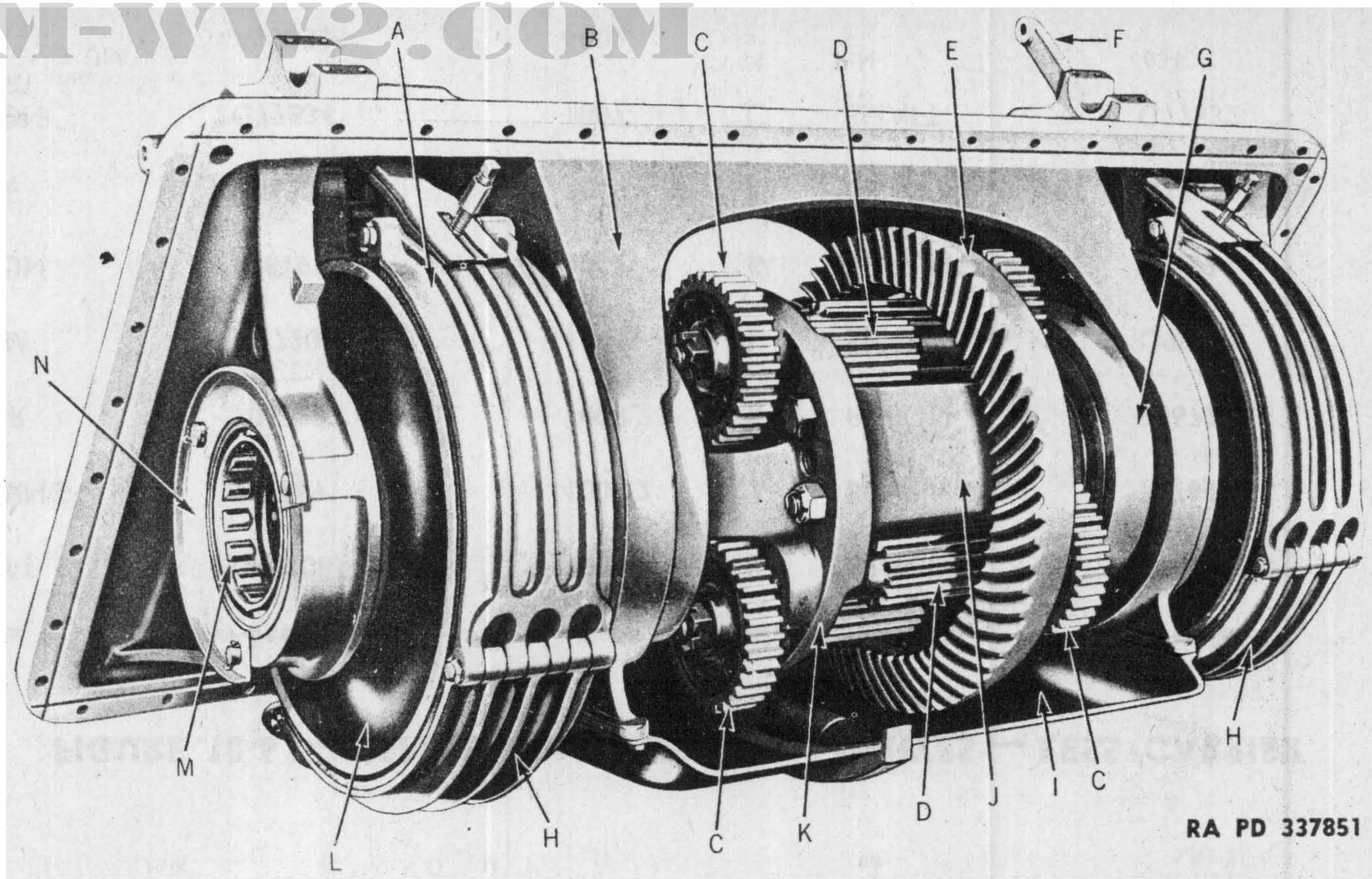
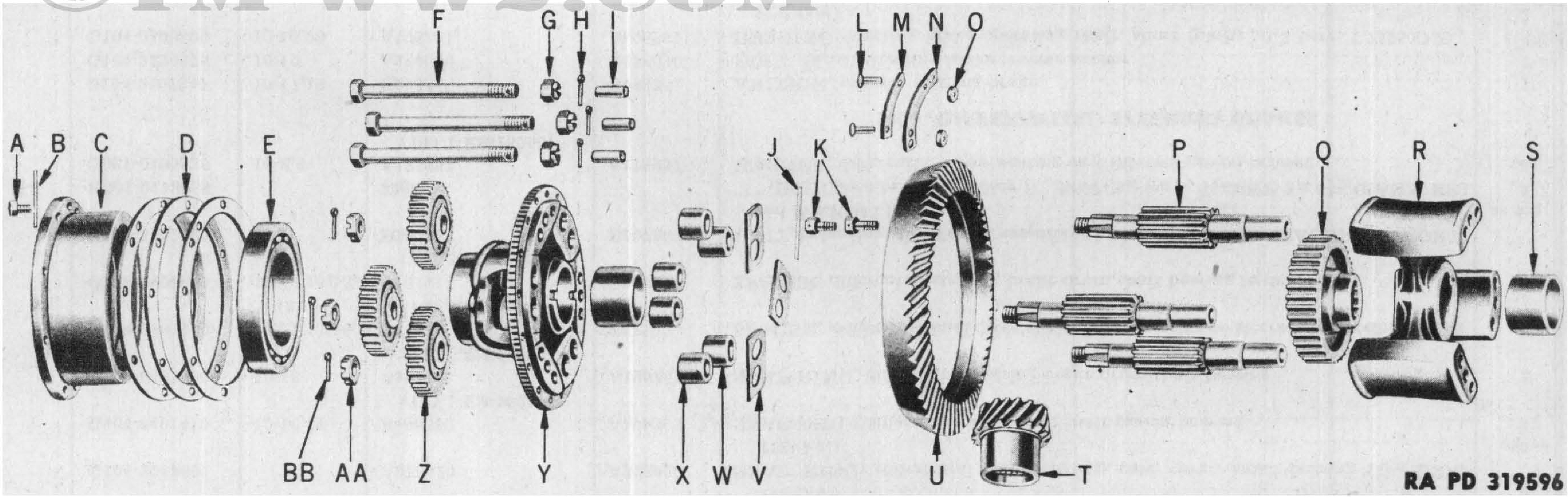



**FIGURE 10-7 — CONTROLLED DIFFERENTIAL w/CARRIER AND DOUBLE ANCHOR STEERING BRAKES ASSEMBLY, A294634**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SHOE (furnished only as part of SHOE ass'y, C99331) | | 1004 |
| B | CARRIER | E8522 | 1002 |
| C | PINION | B181915 | 1002 |
| D | PINION | C77534 | 1002 |
| E | GEAR | C77536 | 1002 |
| F | LEVER | B206308 | 1401 |
| G | CAGE | B201052 | 1002 |
| H | SHOE, ass'y | C99331 | 1004 |
| I | SUMP, ass'y | B209773 | 1005.6 |
| J | CASE | D46208D | 1002 |
| K | COVER | C77540A2 | 1002 |
| L | DRUM | C97206 | 1004 |
| M | BEARING | 707645 | 1002 |
| N | RETAINER | A196369 | 1008.2 |

RA PD 337851E




## FIGURE 10-8 — DIFFERENTIAL COMPENSATING CASE AND GEARS, WITH CAGE AND BEARINGS — LEFT HALF

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SCREW | A175970 | 1002 |
| B | WIRE | BFWX1B | 1002 |
| C | CAGE | B201052 | 1002 |
| D | SHIM | B201079A | 1002 |
| E | BEARING | 700224 | 1002 |
| F | BOLT | A196359 | 1002 |
| G | NUT | 109879 | 1002 |
| H | PIN | 103388 | 1002 |
| I | PIN | A196370 | 1002 |
| J | WIRE | BFWX1B | 1002 |
| K | SCREW | A196394 | 1002 |
| L | RIVET (furnished only as part of SHOE ass'y, B197687) | | 1002 |
| M | WEIGHT (furnished only as part of UNIT ass'y, B197687) | | 1002 |
| N | SUPPORT (furnished only as part of UNIT ass'y, B197687) | | 1002 |
| O | SPACER (furnished only as part of UNIT ass'y, B197687) | | 1002 |
| P | PINION | C77534 | 1002 |
| Q | GEAR | C77530 | 1002 |
| R | CASE | D46208D | 1002 |
| S | BUSHING | A196365D | 1002 |
| T | PINION | C77535AG | 1002 |
| U | GEAR | C77536A | 1002 |
| V | WASHER | A175957 | 1002 |
| W | BEARING | 709450 | 1002 |
| X | BEARING | 709449 | 1002 |
| Y | COVER | D46209A-2 | 1002 |
| Z | PINION | B181915 | 1002 |
| AA | NUT | A196364 | 1002 |
| BB | PIN | 103400 | 1002 |

RA PD 3195961

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0401330 | | C77535G | C77535 | PINION, bevel, differential (17 T., 5½ lgh.) (use with GEAR C77536) (optional with PINION, G104-0401311) (furnished in sets) (reviewed in GROUP 0702.2—TRANSMISSION) | 1 | |
| | G104-0401311 | 10-8 | C77535AG (TD-3-ES-16192) | C77535 | PINION, bevel, differential (17 T., 5½ lgh.) (use with GEAR C77536A) (optional with PINION, G104-0401330) (furnished in sets) (reviewed in Group 0702.2, TRANSMISSION) | 1 | |
| | G104-0401300 | 10-6,7,8,9,18 | B181915 (TD-2-ES-16199) | B181915 | PINION, compensating, differential, external (33 T., 6.611 O.D.) | 6 | |
| | G104-0401320 | 10-6,7,8,9,18 | C77534 (TD-3-ES-16198) | C77534 | PINION, compensating, differential, internal (15 33/64 overall lgh., 12 T., 2.6 O.D., 5⅜ face) | 6 | |
| | G104-0401160 | 10-6,8,9,18 | A196364 (TD-1-ES-16218) | A196364 | NUT, slotted, differential compensating pinion (hex., S., 1¼-12NF-3) | 6 | |
| H-1 | H001-0811067 | 10-8,9 | 103400 | | PIN, cotter, split, S., 5/32 x 2 (BFAX1EM) | 6 | |
| | G104-5600999 | | C100999 | C100999 | PINION, final drive shaft (25 T., 6.917 O.D. x 1 15/16 herringbone face) (matched with GEAR, G210-5600998) | 2 | |
| | G104-0401720 | 10-12,16,18 | C77533 | C77533 | SHAFT, differential final drive (29⅛ lgh.) | 2 | |
| | G104-0401730 | 10-6,16,18 | C77532 | C77532 | SHAFT, operating, differential steering brake drum (integral gear) | 2 | |
| | G104-0401811 | 10-8,9 | B201079A | B201079 | SHIM, differential compensating case bearing cage (S., 12 9/16 I.D., 14¾ O.D., .002 thk.) | 2 | |
| | G104-0401812 | | B201079B | B201079 | SHIM, differential compensating case bearing cage (S., 12 9/16 I.D., 14¾ O.D., .005 thk.) | 4 | |
| | G104-0401813 | | B201079C | B201079 | SHIM, differential compensating case bearing cage (S., 12 9/16 I.D., 14¾ O.D., .010 thk.) | 4 | |
| | G104-3042606 | | A328419 | A328419 | SNAP RING, differential compensating case cover, large bearing (2 7/16 O.D., .118 thk.) | 6 | |
| | G104-3042607 | | A328420 | A328420 | SNAP RING, differential compensating case cover, small bearing (2 3/16 O.D., .118 thk.) | 6 | |
| | G104-0401410 | 10-10,11 | A196363 (TD-1-ES-16210) | A196363 | SNAP RING, differential final drive shaft pinion bearing | 4 | |
| | G104-0401400 | 10-16 | A196361 (TD-1-ES-16209) | A196361 | SNAP RING, differential steering brake drum shaft bearing | 2 | |
| | G104-0401910 | 10-12,13,16, 18 | C77537 (TD-3-ES-16207) | C77537 | SPACER, differential final drive shaft pinion bearing to steering brake drum shaft | 2 | |
| | G104-0401890 | 10-12,13,16, 18 | B181917 (TD-2-ES-16268) | B181917 | SPACER, differential steering brake drum shaft bearing to drum | 2 | |
| | G104-3142400 | 10-8 | B197687 | B197687 | UNIT, balancing, differential, assembly (Includes: RIVETS, SPACER, SUPPORT and WEIGHT) | as req. | |
| H-1 | H001-0118053 | | 224383 | | BOLT, hex-hd., s-fin., alloy-S., dld. f/lkg-wire., ½-20NF-2 x 1½ (BAOX7EE) | 2 | |
| | G081-0185530 | 10-8,9 | A175957 (TD-1-ES-16260) | A175957 | WASHER, differential compensating case internal pinion bearing | 6 | |
| | | | | | **1004—DIFFERENTIAL STEERING BRAKES** | | |
| | G104-2107847 | 10-17,19 | C99335 | C99335 | ANCHOR, reverse, steering brake | 2 | |
| | G104-2124276 | 10-19 | A278630 | A278630 | BOLT, thrust, steering brake reverse anchor | 2 | |
| | G104-0400300 | 10-16,20 | A196381 | A196381 | BUSHING, steering brake operating shaft, short (ph-bz., 1.5 bore, 1.7525 O.D., 1 15/16 face) | 2 | |

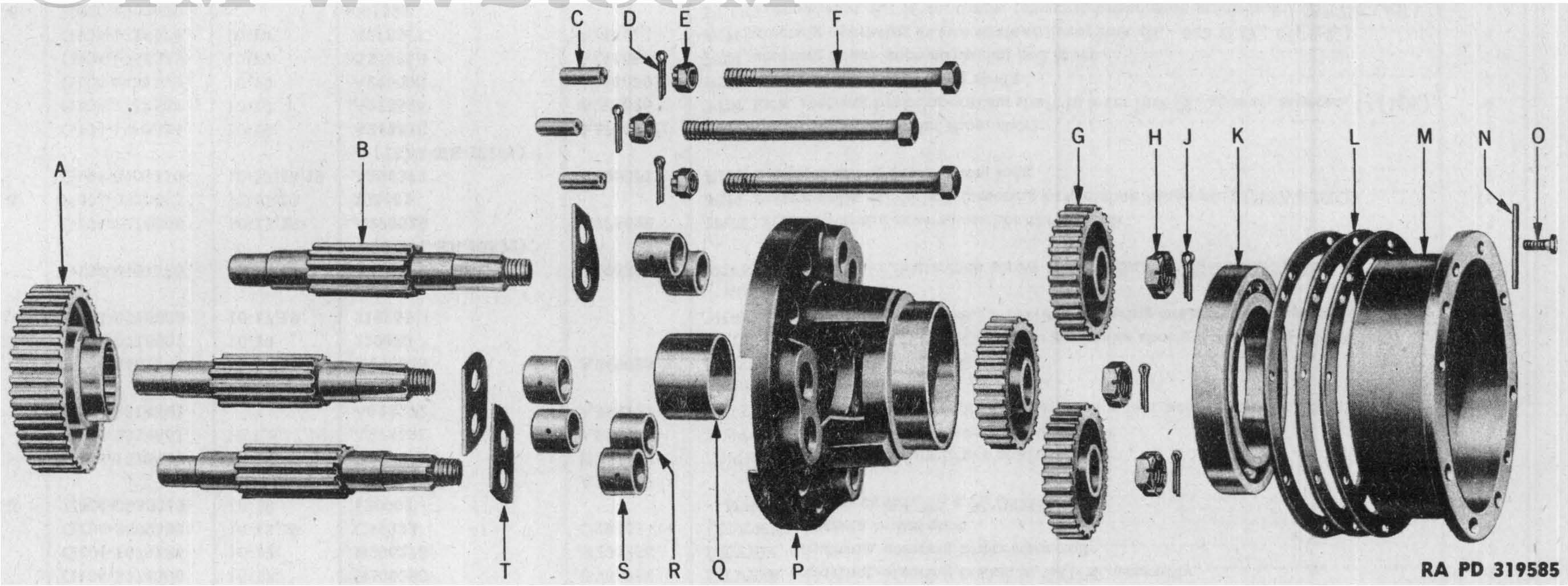



**FIGURE 10-9 — DIFFERENTIAL COMPENSATING CASE AND GEARS, WITH CAGE AND BEARINGS — RIGHT HALF**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | GEAR | C77530 | 1002 |
| B | PINION | C77534 | 1002 |
| C | PIN | A196370 | 1002 |
| D | PIN | 103388 | 1002 |
| E | NUT | 109879 | 1002 |
| F | BOLT | A196359 | 1002 |
| G | PINION | B181915 | 1002 |
| H | NUT | A196364 | 1002 |
| J | PIN | 103400 | 1002 |
| K | BEARING | 700224 | 1002 |
| L | SHIM | B201079A | 1002 |
| M | CAGE | B201052 | 1002 |
| N | WIRE | BFWXIB | 1002 |
| O | SCREW | A175970 | 1002 |
| P | COVER, ass'y | C77540A2 | 1002 |
| Q | BUSHING | A196365D | 1002 |
| R | BEARING | 709449 | 1002 |
| S | BEARING | 709450 | 1002 |
| T | WASHER | 709450 | 1002 |

RA PD 3195851

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-2128052 | 10-16,20 | A328417 | A328417 | BUSHING, steering brake operating shaft trunnion (bz., 1.5 bore, 1.7535 O.D., $1\frac{11}{32}$ width) | 4 | |
| | G104-0400290 | | A196380 | A196380 | BUSHING, steering brake operating shaft trunnion (ph-bz., 1.5 bore, 1.7525 O.D., 2.875 width) | 2 | |
| | G104-0400465 | | A246037 | A246037 | CLIP, steering brake adjusting nut (spring, S., $\frac{21}{32}$ hole) | 2 | |
| | | 10-1,5,17,18 | C99334-1 | C99334 | COVER, steering brake | 2 | |
| H-1 | H001-0116054 | 10-1,2,5,18 | 227650 | | BOLT, hex-hd., s-fin., alloy-S., ½-13NC-2 x 1¼ (BANX1ED) | 28 | |
| H-1 | H001-0116055 | 10-5 | 227651 | | BOLT, hex-hd., s-fin., alloy-S., ½-13NC-2 x 1½ (BANX1EE) | 2 | |
| H-1 | H001-1518011 | 10-5 | 103323 | | WASHER, reg., S., ½ in. (BECX1M) | 30 | |
| | G104-0400565 | 10-6,7,16, 17,18 | C97206 | C97206 | DRUM, steering brake | 2 | |
| | G104-0400799 | 10-1,5,17 | A196383 | A196383 | GASKET, steering brake adjusting hole cover (annular, cop-asb., $2\frac{11}{32}$ I.D., 2¾ O.D., $\frac{3}{32}$ thk.) | 2 | |
| | G104-1593981 | | A278623 | A278623 | GASKET, steering brake adjusting hole cover (neoprene, 2¼ I.D. x 3½ O.D., $\frac{1}{32}$ thk.) | 2 | |
| | G104-0400764 | 10-5 | B201078 | B201078 | GASKET, steering brake cover | 2 | |
| | G104-0400762 | 10-20 | A227875 | A227875 | GASKET, steering brake operating shaft trunnion | 2 | |
| | G104-2205403 | | C100762 | C100762 | GUARD, steering brake cover clutch pedal foot | 1 | |
| | G104-2205636 | 10-3,17,19 | A278628 | A278628 | GUIDE, steering brake shoe, assembly (Includes: NUT, PLATE and SCREW) | 2 | |
| | G104-2274300 | 10-17 | B206280 | B206280 | LEVER, adjusting, steering brake, w/LINK, assembly | 2 | |
| | G104-1674184 | 10-19 | B206278 | B206278 | LEVER, adjusting, steering brake shoe rod | 2 | |
| | G104-5599333 | 10-18,19 | C99333 | C99333 | LINING, steering brake shoe | 6 | |
| H-1 | H001-0930017 | 10-18 | 120902 A262247 | A262247 | RIVET, tubr., ck-hd., $\frac{3}{16}$ x $\frac{9}{16}$ (BMGX1) | 96 | |
| | G104-1676437 | 10-19 | B206279 | B206279 | LINK, adjusting, steering brake shaft to lever | 2 | |
| | G104-2314861 | 10-1,2,17,19 | A278621 | A278621 | NUT, adjusting, steering brake reverse anchor | 2 | |
| | G104-2314891 | | A328272 | A328272 | NUT, adjusting, steering brake reverse anchor nut bolt (jam, hex., S., dld. f/lkg-wire., 1-14NF-2) | 2 | |
| | G104-0401144 | 10-17,19 | A246038 | A246038 | NUT, adjusting, steering brake rod | 2 | |
| H-1 | H001-0718007 | 10-19 | 220080 | | NUT, hex., s-fin., S., ⅝-11NC-2 (steering brake shoe guide screw) (BBAX2B) | 2 | |
| H-1 | H001-0716030 | 10-17,19 | 219755 | | NUT, jam, hex., s-fin., alloy-S., 1-14NF-2 (steering brake reverse anchor adjusting nut) (BBDX2EA) | 2 | |
| | G104-0401180 | 10-16,18 | A196393 (TD-1-ES-16322) | A196393 | NUT, steering brake drum lock screw (hex., s-fin., S., ⅝-11NC-2) | 4 | |
| | G104-2314890 | 10-17,19 | A278629 | A278629 | NUT, steering brake reverse anchor thrust bolt | 2 | |
| H-1 | H001-0811075 | 10-17,19 | 103407 | | PIN, cotter, split, S., $\frac{3}{16}$ x 1 (steering brake shoe hinge pin) (BFAX2AG) | 16 | |
| | G104-0401250 | 10-17,18,19 | A196372 (TD-1-ES-16271) | A196372 | PIN, hinge, steering brake shoe, long | 6 | |
| | G104-1738524 | 10-19 | A278618 | A278618 | PIN, hinge, steering brake shoe, short | 2 | |
| | G104-1738527 | 10-19 | A278626 | A278626 | PIN, lock, steering brake operating shaft to lever link (S., groove, tapered, 1⅛ lgh.) | 4 | |
| | G104-0401229 | 10-19 | A246039 | A246039 | PIN, steering brake operating shaft | 2 | |
| | G104-1738525 | 10-19 | A278619 | A278619 | PIN, steering brake shoe adjusting rod lever | 2 | |
| | G104-1738526 | 10-19 | A278617 | A278617 | PIN, steering operating brake shaft to lever link (S., .620 O.D., 1⅜ lgh.) | 4 | |
| H-6 | H006-0282440 | | 501593 | | PLUG, expansion, S., ¾ in. diam. (steering brake shoe guide hole) (BEDX1AK) | 2 | |

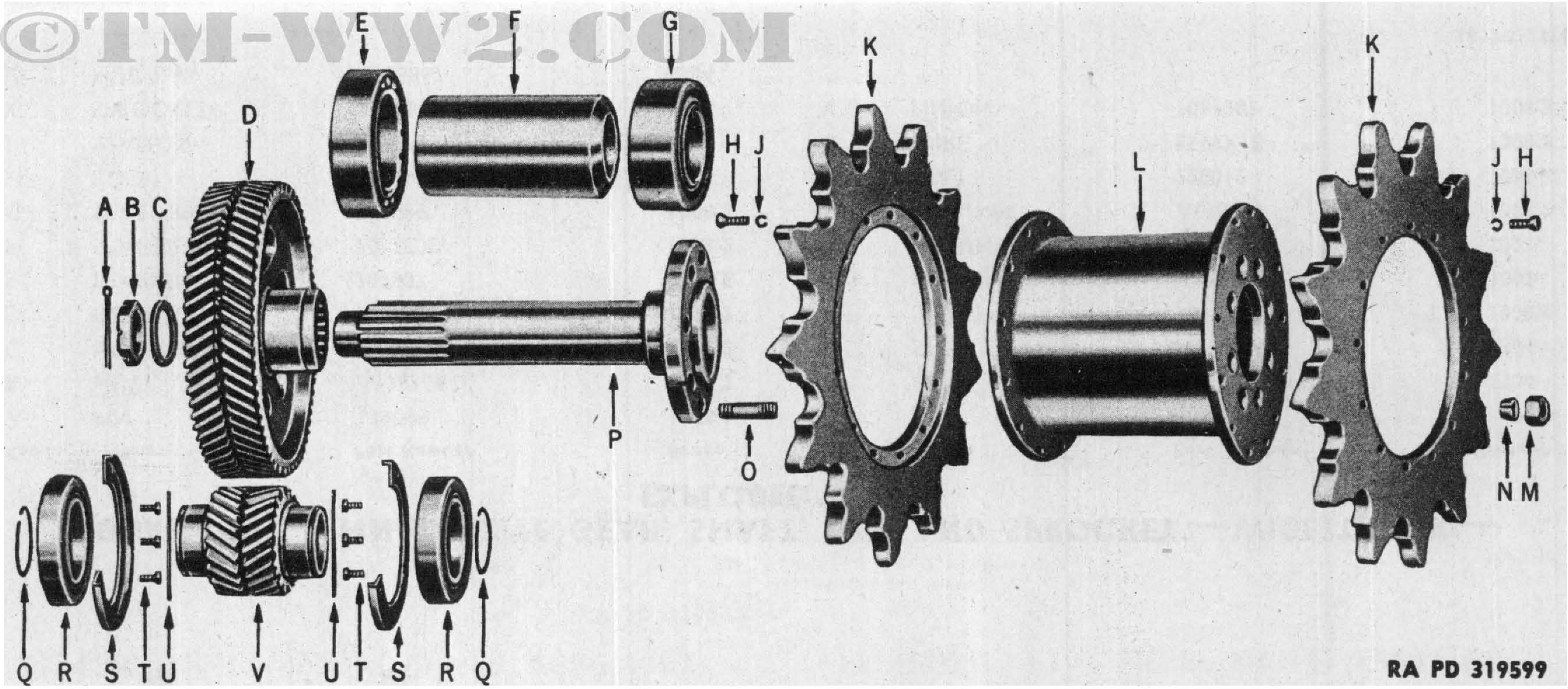



**FIGURE 10-10 — FINAL DRIVE GEAR, SHAFT, HUB AND SPROCKET — NARROW TRACKS — EXPLODED VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PIN | 179095 | 1008.2 |
| B | NUT | A196368 | 1008.2 |
| C | WASHER | A196360 | 1008.2 |
| D | GEAR | 7067282 | 1008.2 |
| E | BEARING | 709807 | 1008.2 |
| F | SPACER | B181918C | 1008.2 |
| G | BEARING | 707689 | 1008.2 |
| H | BOLT | A246629 | 1304 |
| J | WASHER | 118975 | 1304 |
| K | SPROCKET | D47366 | 1304 |
| L | HUB | C77545 | 1304 |
| M | NUT | 503366 | 1304 |
| N | PIN | A196382 | 1304 |
| O | STUD | A196384 | 1304 |
| P | SHAFT | D46206J | 1008.2 |
| Q | SNAP RING | A196363 | 1002 |
| R | BEARING | 707645 | 1002 |
| S | RETAINER | A196369 | 1008.2 |
| T | BOLT | 228012 | 1008.2 |
| U | WIRE | BFWX1B | 1008.2 |
| V | PINION | 7067281 | 1008.2 |

RA PD 3195991

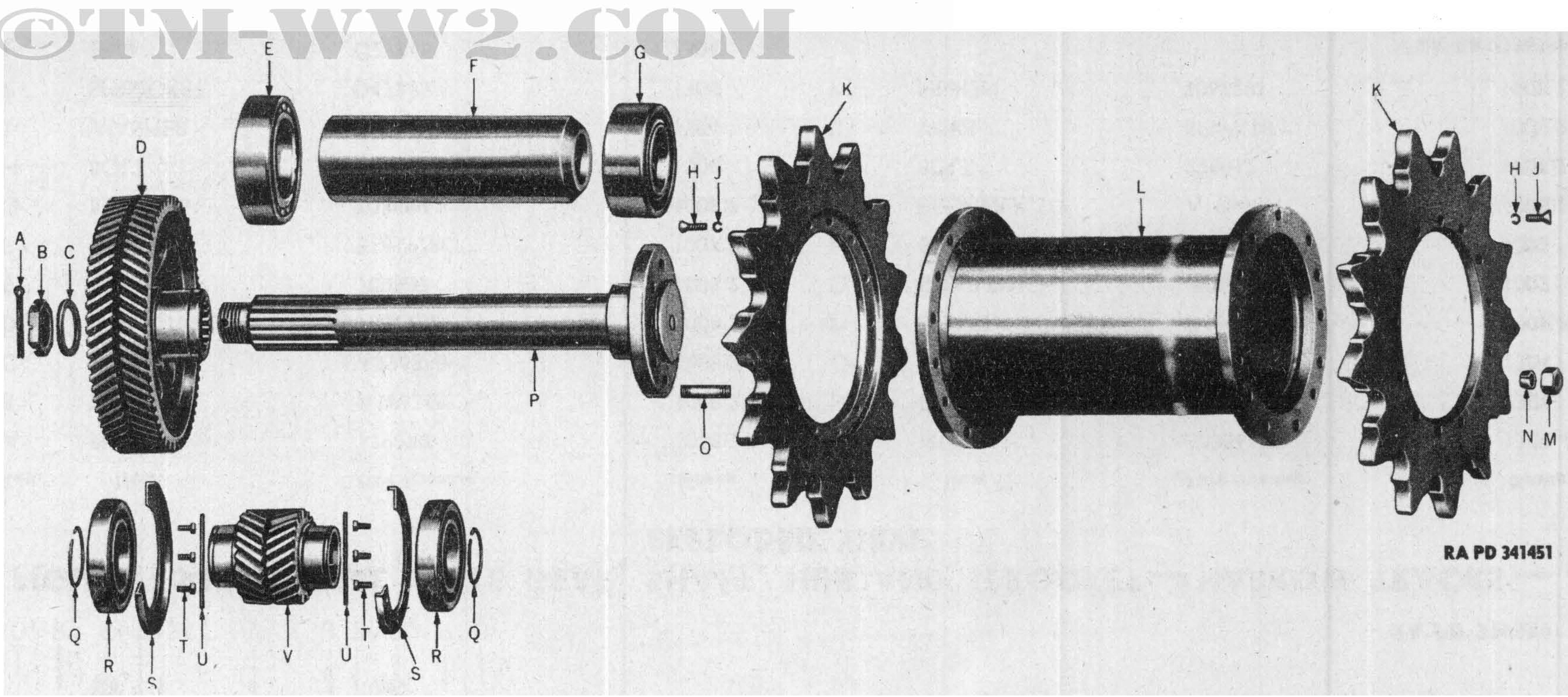
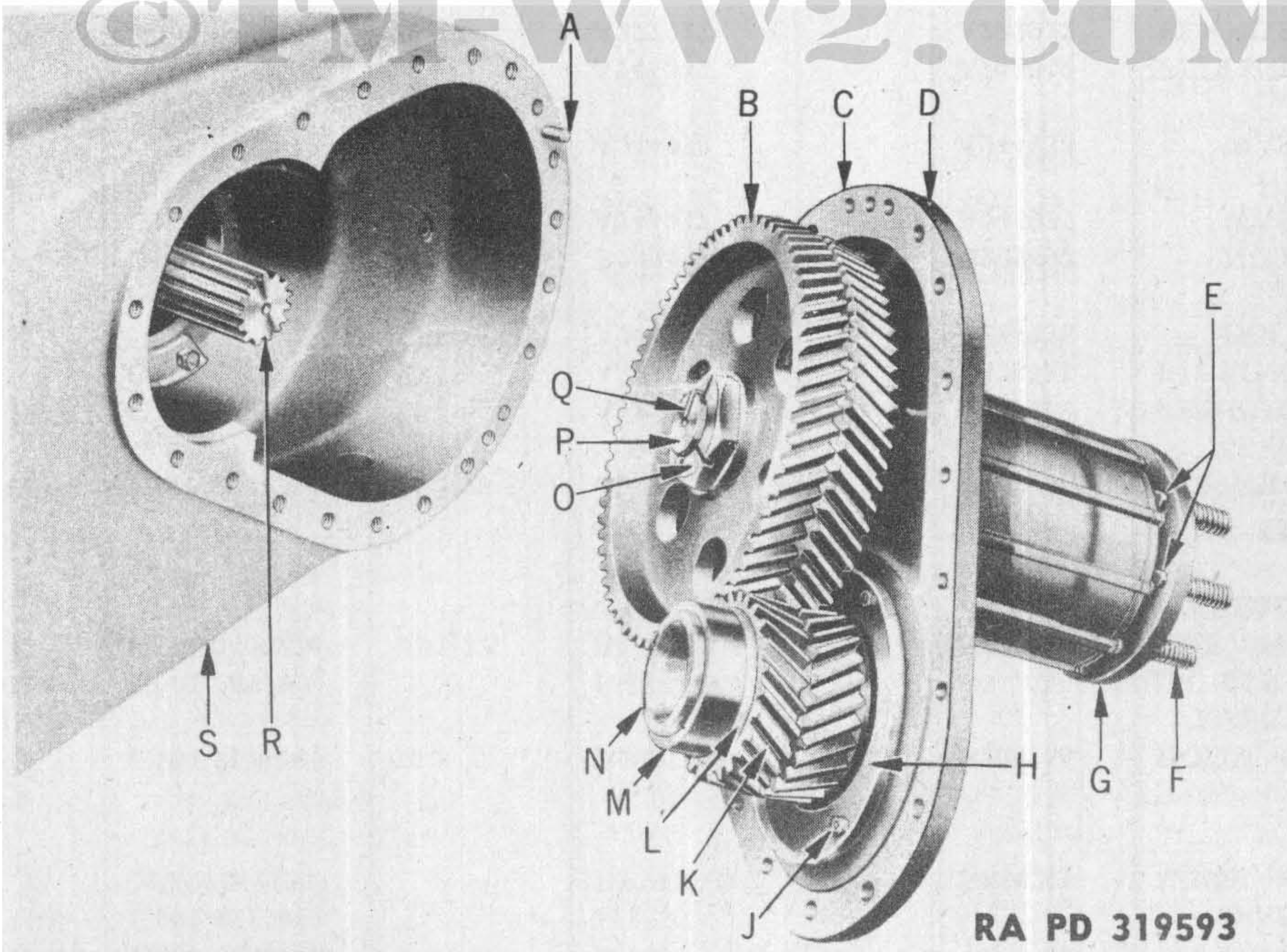



**FIGURE 10-11 — FINAL DRIVE GEAR, SHAFT, HUB AND SPROCKET — WIDE TRACK — EXPLODED VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PIN | 179095 | 1008.2 |
| B | NUT | A196368 | 1008.2 |
| C | WASHER | A196360 | 1008.2 |
| D | GEAR | 7067282 | 1008.2 |
| E | BEARING | 709807 | 1008.2 |
| F | SPACER | 7012302 | 1008.2 |
| G | BEARING | 707689 | 1008.2 |
| H | BOLT | A246629 | 1304 |
| J | WASHER | 118975 | 1304 |
| K | SPROCKET | D47366 | 1304 |
| L | HUB, ass'y | C135867 | 1304 |
| M | NUT | 503366 | 1304 |
| N | PIN | A196382 | 1304 |
| O | STUD | A196384 | 1304 |
| P | SHAFT | 7012301 | 1008.2 |
| Q | SNAP RING | A196363 | 1002 |
| R | BEARING | 707645 | 1002 |
| S | RETAINER | A196369 | 1008.2 |
| T | BOLT | 228012 | 1008.2 |
| U | WIRE | BFWX1B | 1008.2 |
| V | PINION | 7067281 | 1008.2 |

RA PD 341451A



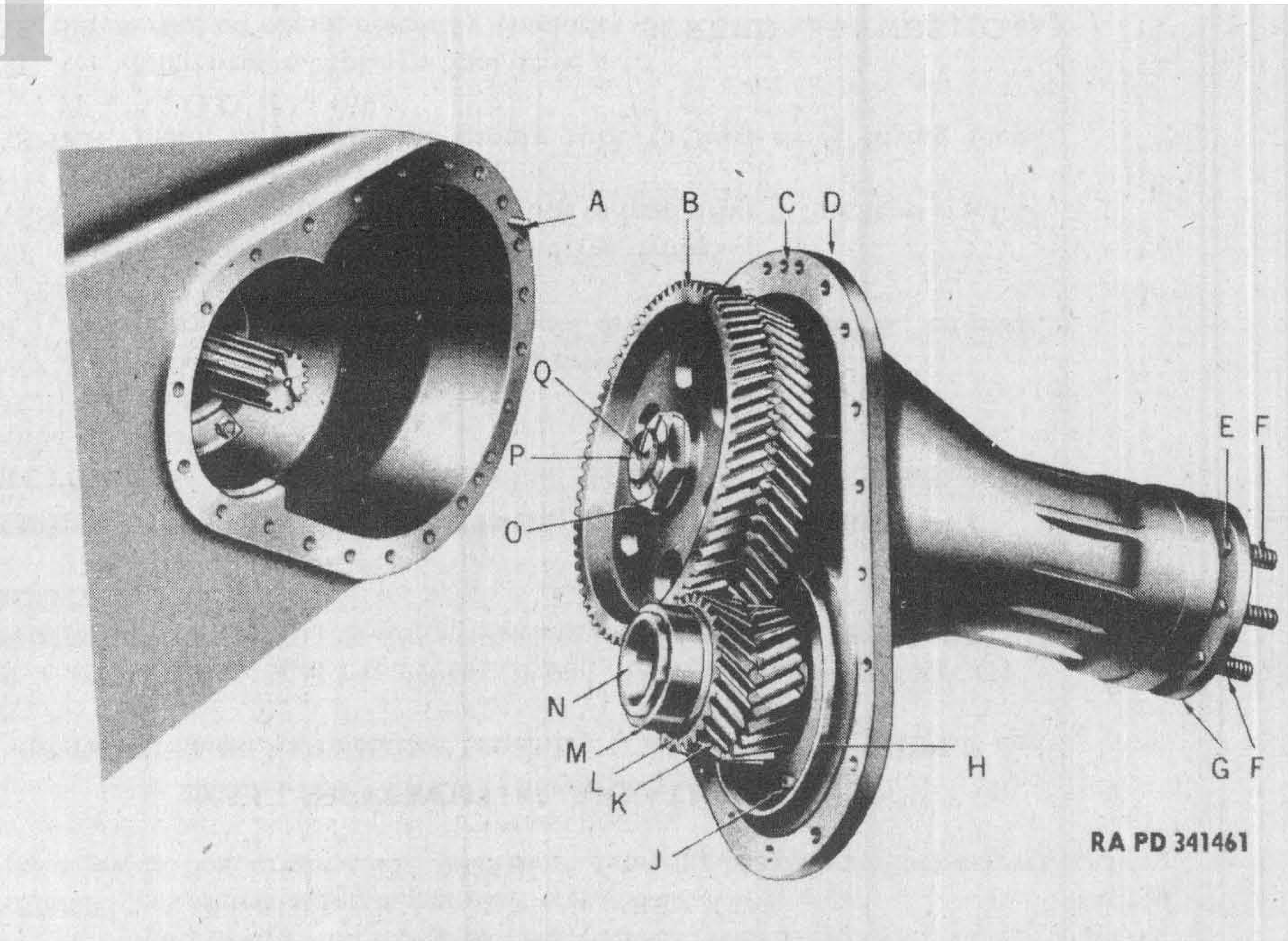






**FIGURE 10-12 — FINAL DRIVE ASSEMBLY w/RELATED PARTS — NARROW TRACKS**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PIN | A196392 | 1008.2 |
| B | GEAR | 7067282 | 1008.2 |
| C | GASKET | C77546 | 1008.2 |
| D | COVER | D46205-8 | 1008.2 |
| E | BOLT | 227651 | 1008.2 |
| F | STUD | A196384 | 1304 |
| G | SHAFT | D46206J | 1008.2 |
| H | RETAINER | A196369 | 1008.2 |
| J | BOLT | 228012 | 1008.2 |
| K | PINION | 7067281 | 1008.2 |
| L | SPACER | C77537 | 1002 |
| M | BEARING | 707645 | 1002 |
| N | SPACER | B181917 | 1002 |
| O | NUT | A196368 | 1008.2 |
| P | SHAFT | D46206J | 1008.2 |
| Q | PIN | 179095 | 1008.2 |
| R | SHAFT | C77533 | 1002 |
| S | HOUSING | E8543 | 1001 |

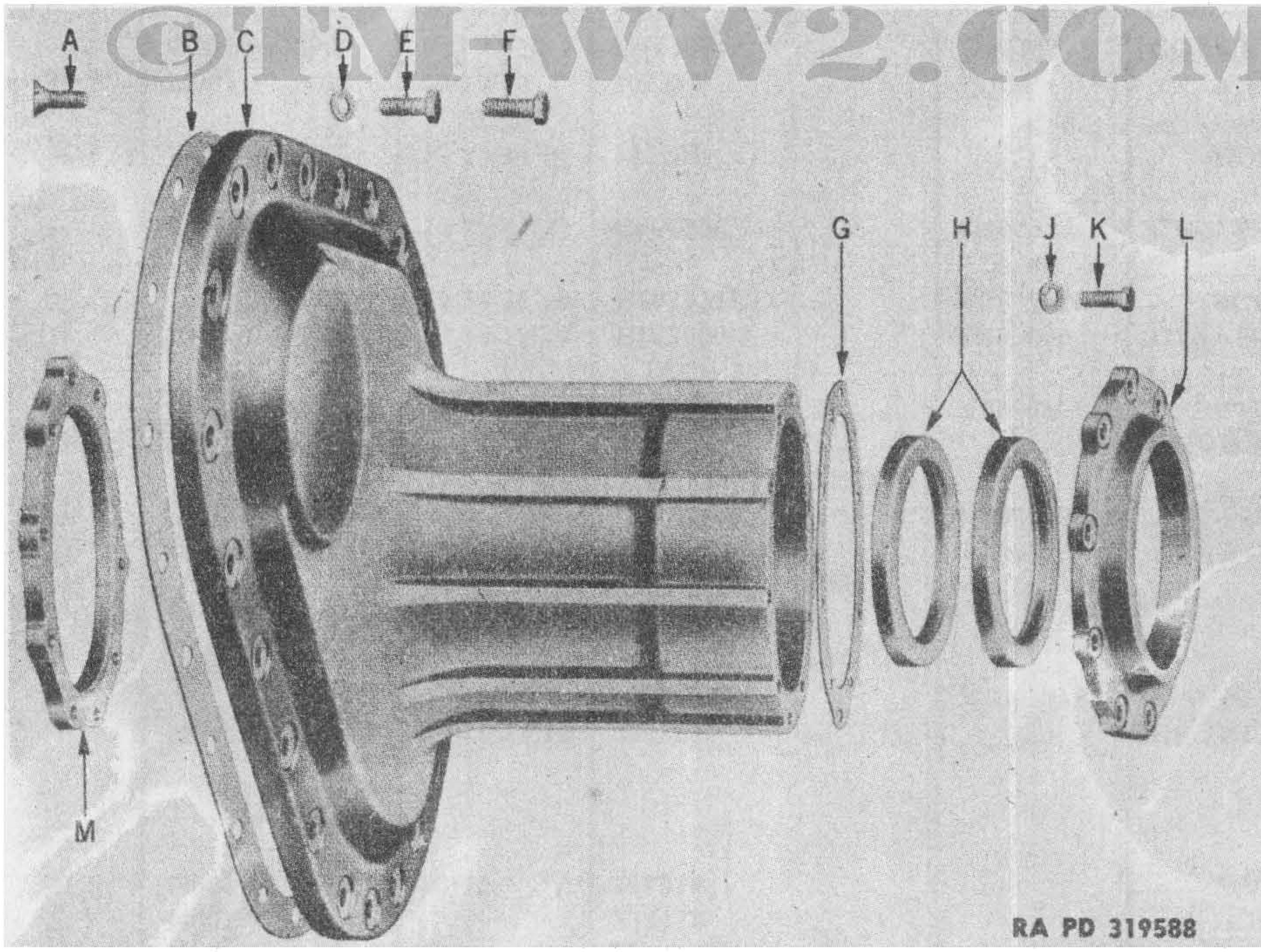
RA PD 3195931

**FIGURE 10-13 — FINAL DRIVE ASSEMBLY w/RELATED PARTS — WIDE TRACKS**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PIN | A196392 | 1008.2 |
| B | GEAR | 7067282 | 1008.2 |
| C | GASKET | C77546 | 1008.2 |
| D | COVER | 7012303 | 1008.2 |
| E | BOLT | 227651 | 1008.2 |
| F | STUD | A196384 | 1304 |
| G | SHAFT | 7012301 | 1008.2 |
| H | RETAINER | A196369 | 1008.2 |
| J | BOLT | 228012 | 1008.2 |
| K | PINION | 7067281 | 1008.2 |
| L | SPACER | C77537 | 1002 |
| M | BEARING | 707645 | 1002 |
| N | SPACER | B181917 | 1002 |
| O | NUT | A196368 | 1008.2 |
| P | SHAFT | 7012301 | 1008.2 |
| Q | PIN | 179095 | 1008.2 |

RA PD 341461A

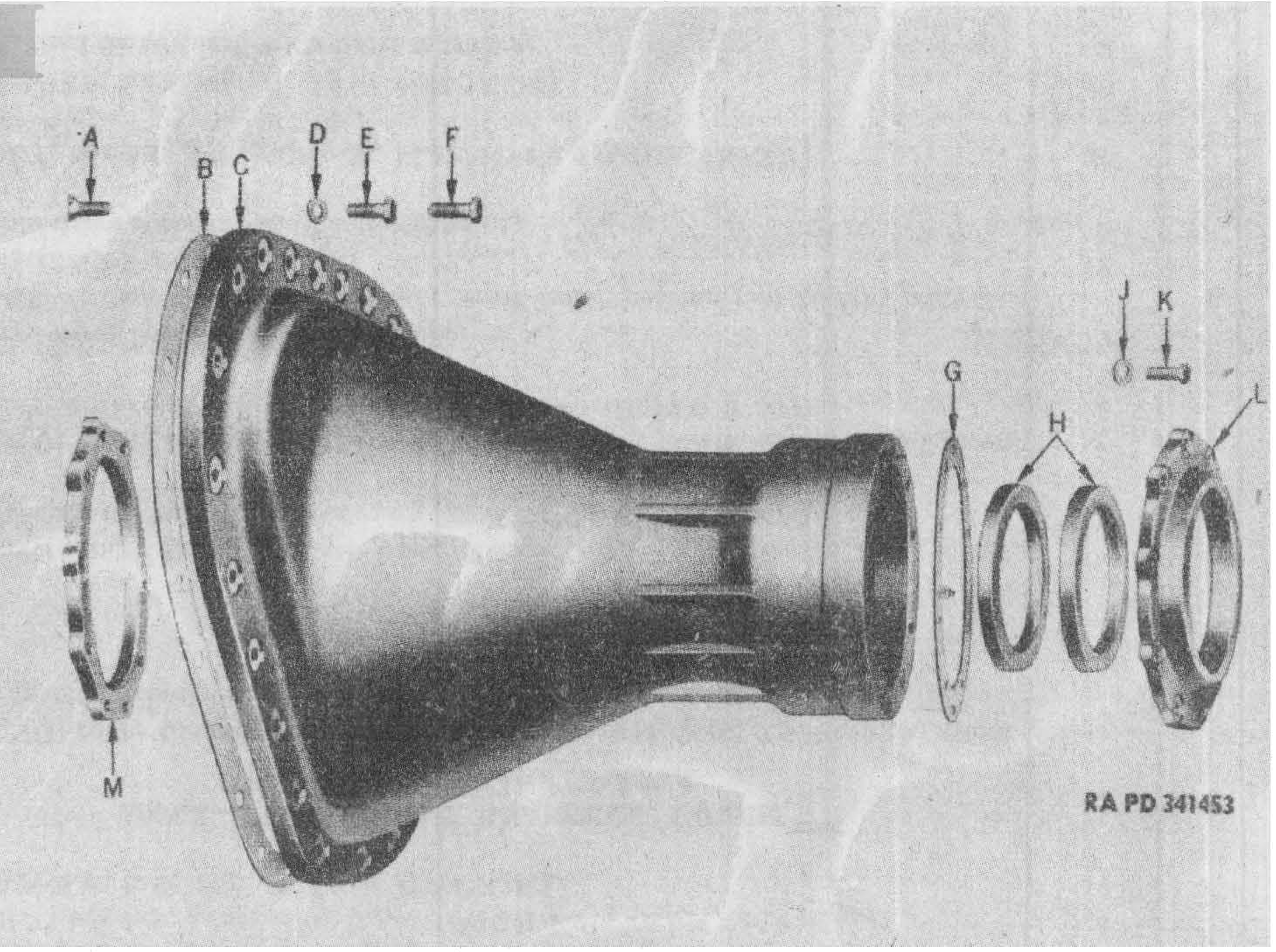
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-6210050 | 10-1,2,5,17 | B210050 | B210050 | PLUG, steering brake adjusting hole | 2 | |
| H-13 | H013-0500217 | 10-19 | A383876 | A383876 | RETAINER, steering brake reverse anchor seal | 2 | |
| | G104-2373276 | 10-19 | B206281 | B206281 | ROD, adjusting, steering brake | 2 | |
| | G104-0401550 | 10-16,18 | A196362 | A196362 | SCREW, lock, steering brake drum (5/8-11NC-3 x 2 1/8) | 4 | |
| | G104-1594013 | 10-17,19 | A278625 | A278625 | SEAL, steering brake reverse anchor (1 I.D., 1 5/8 O.D., 15/16 lgh.) | 2 | |
| | G104-2382845 | 10-17,19 | A278669 | A278669 | SEAT, steering brake reverse anchor adjusting nut | 2 | |
| | G104-0401722 | 10-20 | C99336A | C99336 | SHAFT, operating, steering brake, left | 1 | |
| | G104-0401721 | 10-20 | C99336B | C99336 | SHAFT, operating, steering brake, right | 2 | |
| | G104-2384939 | 10-6,7,17, 18,19 | C99331 | C99331 | SHOE, steering brake, w/LINING, assembly | 6 | |
| | G210-5383887 | 10-17,19 | A383887 | A383887 | SPRING, steering brake reverse anchor | 2 | |
| | G104-1789602 | 10-17,19 | A278624 | A278624 | SPRING, tension, steering brake shoe adjusting rod | 2 | |
| | G104-0402025 | 10-19 | A143763 | A143763 | WASHER, steering brake shoe adjusting rod tension spring | 4 | |
| | G104-0402014 | | B201063 | B201063 | TRUNNION, steering brake operating shaft | 2 | |
| | G104-2406476 | 10-1,20 | B208910 | B208910 | TRUNNION, steering brake operating shaft, w/BUSHING, assembly | 2 | |
| H-1 | H001-0116099 | 10-20 | 223450 | | BOLT, hex-hd., s-fin., alloy-S., 3/4-10NC-2 x 2 (BANX2CE) | 6 | |
| H-1 | H001-1518015 | 10-20 | 103326 | | WASHER, lock, reg., S., 3/4 in. (BECX1R) | 6 | |
| | | | B210021A | B210021 | WEIGHT, balancing, steering brake drum | as req. | |
| | G104-5381478 | | A381478 | A381478 | BOLT, steering brake drum balancing weight (hex-hd., S., 7/16-20NF-3 x 1 1/2) | as req. | |
| H-1 | H001-4183640 | | 122264 | | NUT, jam, light, hex., s-fin., S., 7/16-20NF-3 (BBXX1HA) | as req. | |
| H-1 | H001-1519012 | | 115550 | | WASHER, lock, internal teeth, reg., S., 7/16 in. (BEAX2A) | as req. | |
| | 22W-1642125 | | BFWX1B | BFWX1 | WIRE, steel, low carbon, bright anld., .0625 diam. (steering brake drum lock screw) | as req. | |
| | | | | | **1005.5—DIFFERENTIAL BREATHER** | | |
| | G104-2124085 | 10-5 | B200256 | B200256 | BODY, differential housing oil breather, assembly (Includes: END, NIPPLE and TUBE) | 1 | |
| H-1 | H001-0811040 | | 103374 | | PIN, cotter, split, S., 3/32 x 1 (oil breather body to final drive) (BFAX1CG) | 3 | |
| | G104-0400276 | 10-1,2,5 | B200254 (AC-A19642) | B200254 | BREATHER, oil, differential housing, assembly (Includes: BAFFLE, BODY, ELEMENT and PIN) | 1 | |
| | | | | | **1005.6—DIFFERENTIAL FITTINGS, LINE AND OIL SUMP** | | |
| H-6 | H006-0318540 | 07-1,10-5 | CNHX1E B183358E | B183358 | CONNECTOR, tube, heavy duty, short, 3/8 in., 1/4 in. male pipe end (differential oil tube to transmission) | 2 | |
| | G104-0400585 | 10-4 | A227912 | A227912 | FERRULE, differential oil sump | 1 | |
| | G104-2183242 | 10-5 | A328321 | A328321 | FITTING, differential oil supply tube to final drive | 1 | |
| | | 10-5 | A244936-1 | A244936 | BOLT, differential oil supply tube to final drive fitting (hex., S., cd-pltd., 7/16-20NF-3 x 1 7/8) | 1 | |
| | G104-2314903 | | B209497E | B209497 | NUT, differential oil supply tube to final drive fitting | 1 | |
| | G104-0402019 | 10-5 | A244937 | A244937 | WASHER, plain, differential oil supply tube to final drive fitting (cop., 7/16 I.D. x 3/4 O.D. x 1/16 thk.) | 1 | |
| | G104-0402018 | 10-5 | A244938 | A244938 | WASHER, plain, differential oil supply tube to final drive fitting (cop., 9/16 I.D. x 13/16 O.D. x 1/16 thk.) | 1 | |
| | G104-0400589 | | A246042 | A246042 | FITTING, tee, differential oil tube to final drive | 1 | |
| | G104-0400611 | 10-4 | A227922 | A227922 | FLANGE, differential oil sump, assembly (Includes: SCREEN and TUBE) (*Cont.*) | 1 | |




# FIGURE 10-14 — FINAL DRIVE COVER w/RELATED PARTS — NARROW TRACKS — EXPLODED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SCREW | B183371ED | 1008.2 |
| B | GASKET | C77546 | 1008.2 |
| C | COVER | D46205-8 | 1008.2 |
| D | WASHER | 103326 | 1008.2 |
| E | BOLT | 223450 | 1008.2 |
| F | BOLT | 223452 | 1008.2 |
| G | GASKET | B181922 | 1008.2 |
| H | OIL SEAL | A244944 | 1008.2 |
| J | WASHER | 103323 | 1008.2 |
| K | BOLT | 227651 | 1008.2 |
| L | CAP | C46699C | 1008.2 |
| M | CAP | B183600-2 | 1008.2 |

RA PD 3195881




# FIGURE 10-15 — FINAL DRIVE COVER w/RELATED PARTS — WIDE TRACKS — EXPLODED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SCREW | B183371ED | 1008.2 |
| B | GASKET | C77546 | 1008.2 |
| C | COVER | 7012303 | 1008.2 |
| D | WASHER | 103326 | 1008.2 |
| E | BOLT | 223450 | 1008.2 |
| F | BOLT | 223452 | 1008.2 |
| G | GASKET | B181922 | 1008.2 |
| H | OIL SEAL | A244944 | 1008.2 |
| J | WASHER | 103323 | 1008.2 |
| K | BOLT | 227651 | 1008.2 |
| L | CAP | C46699C | 1008.2 |
| M | CAP | B183600-2 | 1008.2 |

RA PD 341453A

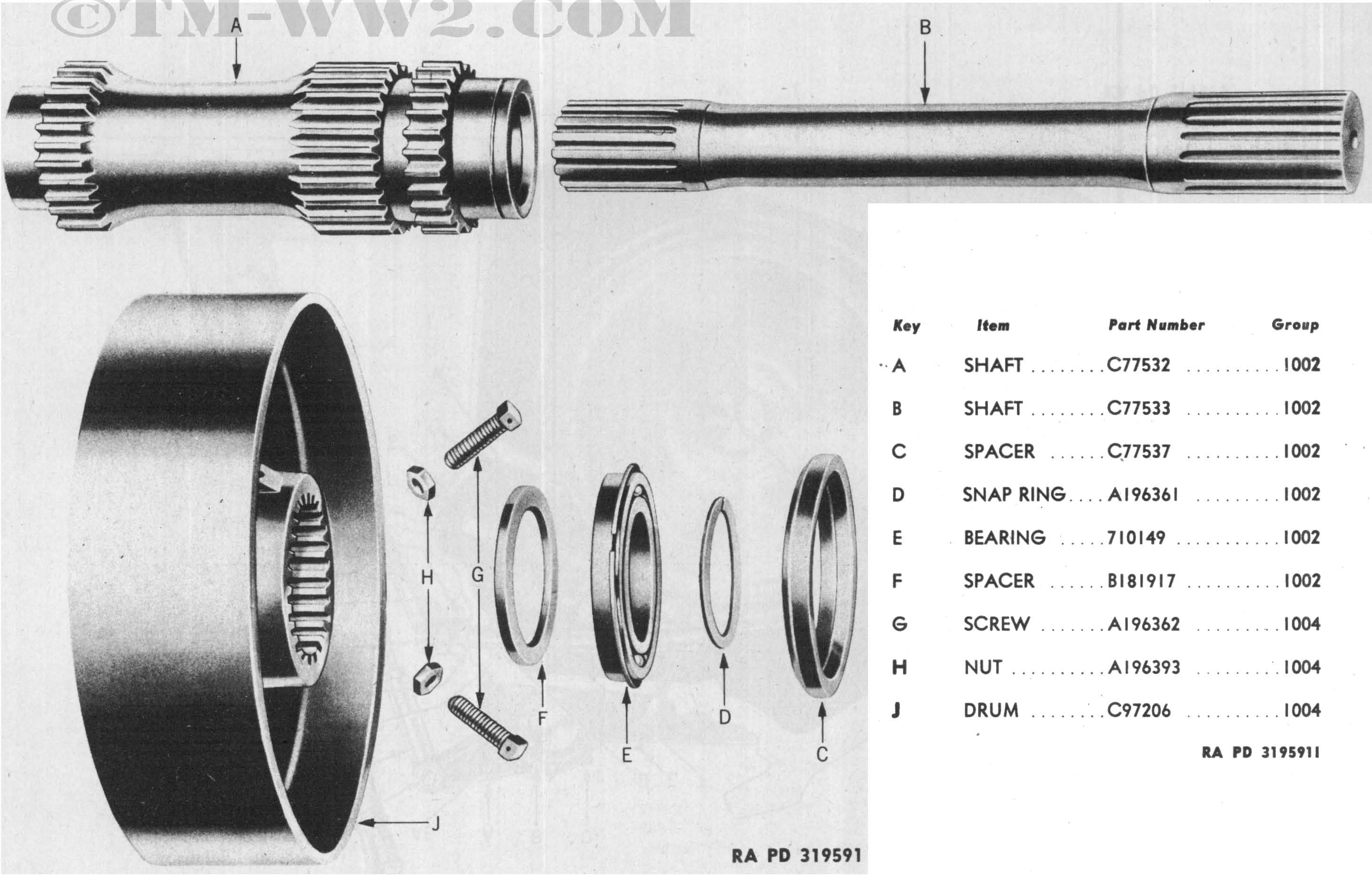
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| H-1 | H001-1031008 | 10-4 | 220629 | | SCREW, cap, hex-hd., S., dld. f/lkg-wire., ⅜-16NC x ¾ (BCAX4E) | 2 | |
| | 22W-1642100 | 10-4 | BFWX1A | BFWX1 | WIRE, steel, low carbon, bright anld., .041 diam. | as req. | |
| | G104-0400763 | 10-4 | A227921 | A227921 | GASKET, differential oil sump flange | 1 | |
| | G104-0400765 | 10-4 | C97237 | C97237 | GASKET, differential oil sump (vellumoid, 1/16 thk.) | 1 | |
| | G104-1798509 | | B197706 | B197706 | LINE, oil, transmission to differential carrier (steel tubing, ½ O.D., 31 3/16 lgh.) | 1 | |
| H-6 | H006-0189917 | | B209498E | B209498 | RING, differential oil supply tube | 2 | |
| | G104-0401687 | 10-4 | A227845 | A227845 | SEAL, differential oil sump | 1 | |
| | G104-0401688 | 10-4 | A227916 | A227916 | SEAL, differential oil sump ferrule | 1 | |
| | G104-2392677 | 10-4,7 | B209773 | B209773 | SUMP, oil, differential, assembly (Includes: FILLER, RETAINER, RING, SCREEN and SHIELD) | 1 | |
| H-1 | H001-1031008 | | 220629 | | SCREW, cap, hex-hd., dld. f/lkg-wire., S., ⅜-16NC-2 x ¾ (BCAX4E) | 16 | |
| | 22W-1642100 | | BFWX1A | BFWX1 | WIRE, steel, low carbon, bright anld., .041 diam. | as req. | |
| | G104-2407812 | 07-1,10-5 | D78108 | D78108 | TUBE, oil, differential to transmission (⅜ O.D. x .032 wall) | 1 | |

### 1008.1—FINAL DRIVE ASSEMBLY

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0400559 | | A294625 | A294625 | DRIVE, final, right and left, assembly (Includes: BEARINGS, CAPS, GEARS, PINION and SHAFT) | 2 | |
| H-1 | H001-0116101 | | 223452 | | BOLT, hex-hd., s-fin., alloy-S., ¾-10NC-2 x 2½ (BANX2CG) | 6 | |
| H-1 | H001-0116099 | 10-18 | 223450 | | BOLT, hex-hd., s-fin., alloy-S., ¾-10NC-2 x 2 (BANX2CE) | 34 | |
| H-1 | H001-0116100 | | 223451 | | BOLT, hex-hd., s-fin., alloy-S., ¾-10NC-2 x 2¼ (BANX2CF) | 4 | |
| H-1 | H001-1518015 | 10-18 | 103326 | | WASHER, lock, reg., S., ¾ in. (BECX1R) | 44 | |

### 1008.2—FINAL DRIVE BEARINGS, COVER, GEARS, PINIONS and SHAFTS

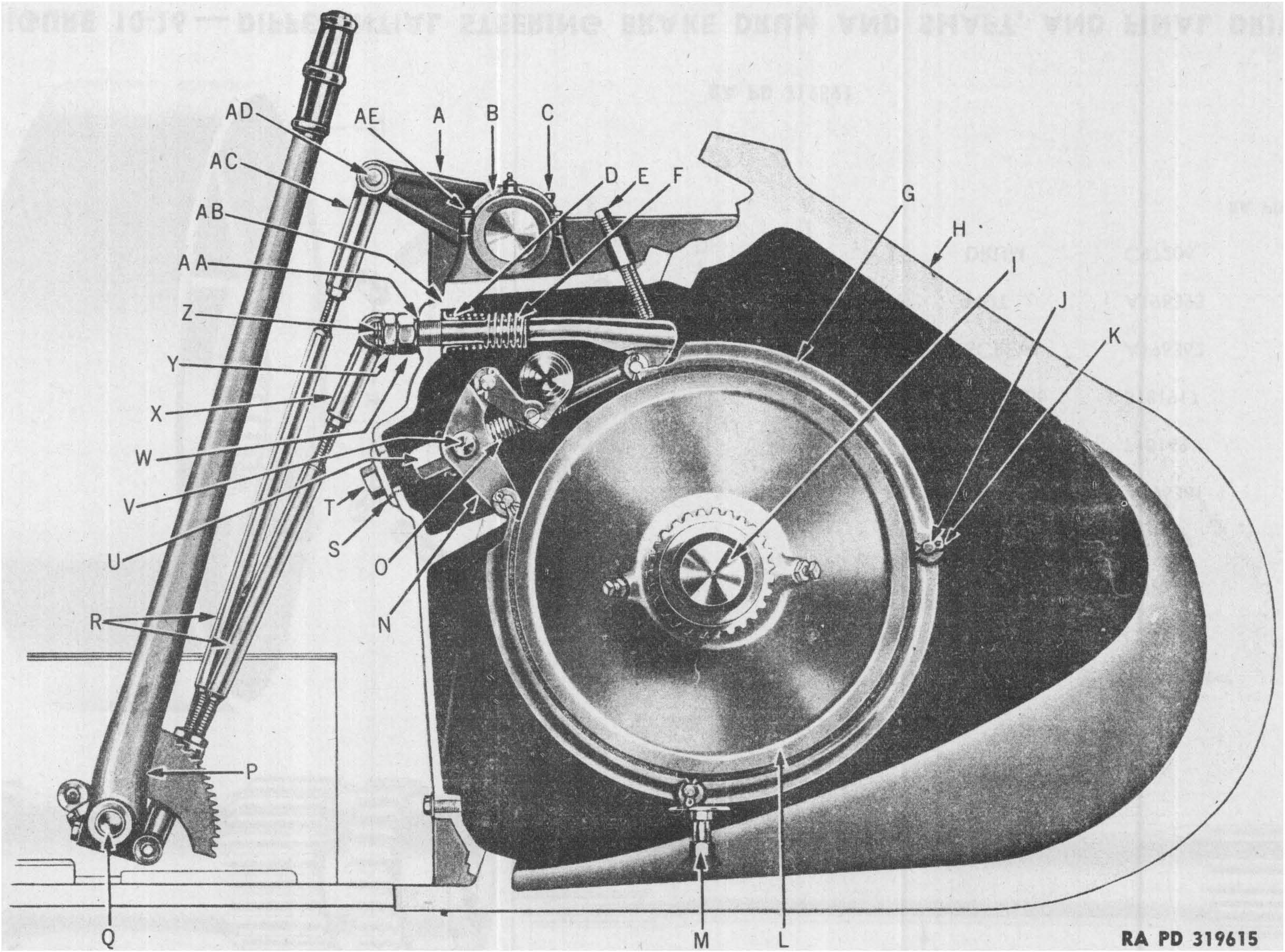
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | H012-0709807 | 10-10,11,18 | 709807<br>A196387<br>(SH-DE-22-6)<br>(SKF-22226)<br>(TD-1-ES-16299) | A196387 | BEARING, roller (double tapered, 5.1181 bore, 9.0051 O.D., 2.520 width) (final drive sprocket shaft, inner) | 2 | |
| H-12 | H012-0707689 | 10-6,10,11, 18 | 707689<br>A223065<br>(HY-A-532-OTS) | A223065 | BEARING, roller (stght., 3.9360 bore, 8.4646 O.D., 3.2500 width) (final drive sprocket shaft, outer) (optional with BEARING, H012-0709806) | 2 | |
| H-12 | H012-0709806 | | 709806<br>A196386<br>(SKF-22320) | A196386 | BEARING, roller (stght., 3.9370 bore, 8.4646 O.D., 3.2500 width) (final drive sprocket shaft, outer) (optional with BEARING, H012-0707689) | 2 | |
| | G104-0400375 | 10-14,15,18 | B183600-2 | B183600 | CAP, final drive sprocket shaft inner bearing | 2 | |
| | G158-0382012 | 10-14,15,18 | B183371ED | B183371 | SCREW, cap, final drive sprocket shaft inner bearing cap (fl-hd., alloy-S., ⅝-18NF-2 x 1½) | 18 | |
| | G104-0400380 | 10-1,14,15, 18 | C46699C | C46699 | CAP, final drive sprocket shaft outer bearing | 2 | |
| H-1 | H001-0116055 | 10-12,13,14 15,18 | 227651 | | BOLT, hex-hd., s-fin., alloy-S., ½-13NC-2 x 1½ (BANX1EE) | 20 | |
| H-1 | H001-1518011 | 10-14,15 | 103323 | | WASHER, lock, reg., S., ½ in. (BECX1M) | 20 | |
| | G104-0400500 | 10-1,12,14 | D46205-8 | D46205 | COVER, final drive (used with narrow tracks) | 2 | |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SHAFT | C77532 | 1002 |
| B | SHAFT | C77533 | 1002 |
| C | SPACER | C77537 | 1002 |
| D | SNAP RING | A196361 | 1002 |
| E | BEARING | 710149 | 1002 |
| F | SPACER | B181917 | 1002 |
| G | SCREW | A196362 | 1004 |
| H | NUT | A196393 | 1004 |
| J | DRUM | C97206 | 1004 |

RA PD 3195911

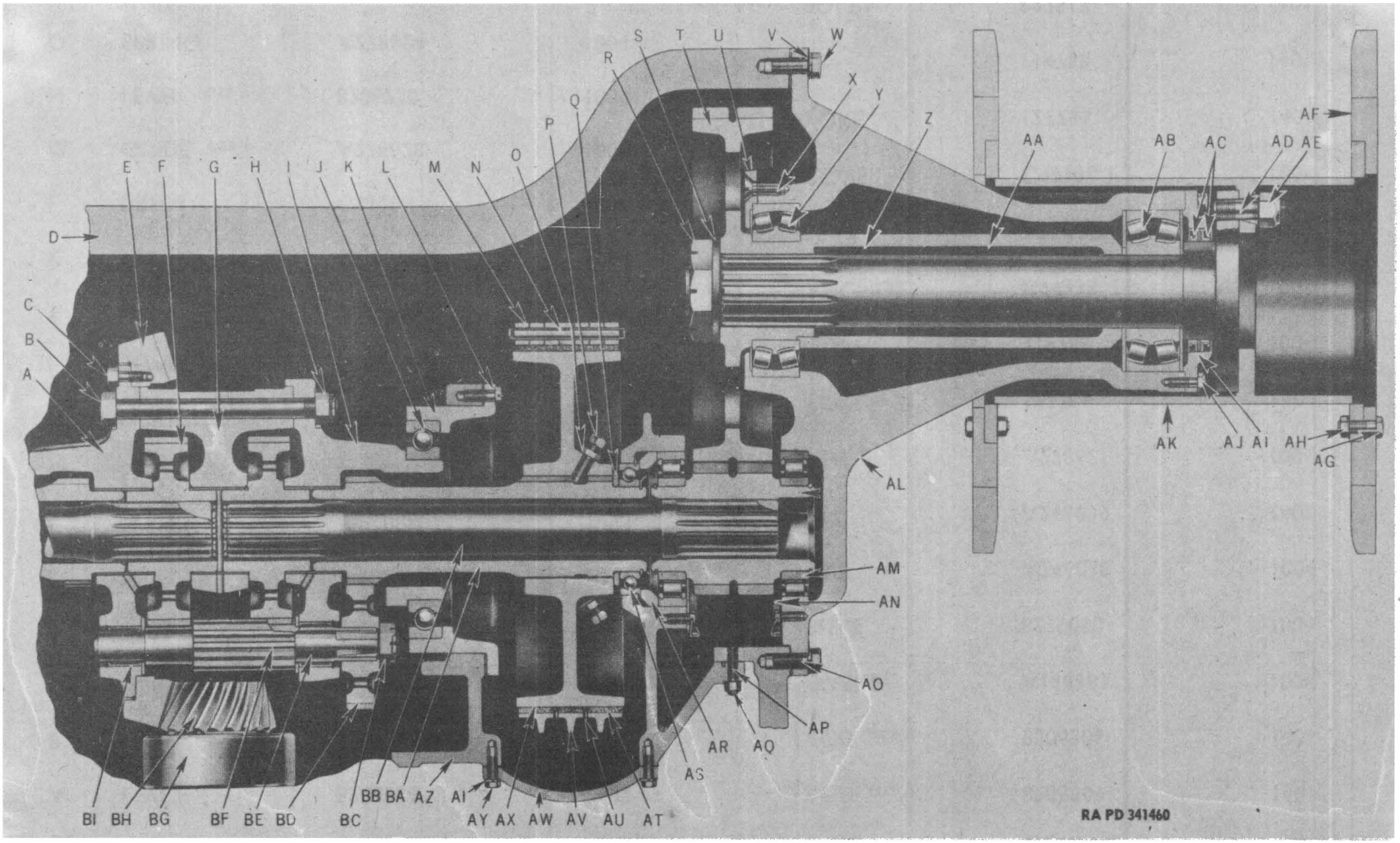
**FIGURE 10-16 — DIFFERENTIAL STEERING BRAKE DRUM AND SHAFT, AND FINAL DRIVE SHAFT w/RELATED PARTS**


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RA PD 319615

# FIGURE 10-17 — STEERING BRAKE MECHANISM (DOUBLE ANCHOR) — CROSS SECTIONAL VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | LEVER | B206316 | 1401 |
| B | CAP | B201056 | 1401 |
| C | SCREW | A226616 | 1401 |
| D | SEAL | A278625 | 1004 |
| E | NUT | A278629 | 1004 |
| F | SPRING | A383887 | 1004 |
| G | SHOE, ass'y | C99331 | 1004 |
| H | HOUSING | E8543 | 1001 |
| I | SHAFT | D46206J | 1008.2 |
| J | PIN | A196372 | 1004 |
| K | PIN | 103407 | 1004 |
| L | DRUM | C97206 | 1004 |
| M | GUIDE, ass'y | A278628 | 1004 |
| N | LEVER, ass'y | B206280 | 1004 |
| O | SPRING | A278624 | 1004 |
| P | LEVER | C101166 | 1401 |
| Q | SHAFT | A266519 | 1401 |
| R | ROD, ass'y | B206309 | 1401 |
|  | ROD, ass'y | B206306 | 1401 |
| S | GASKET | A196383 | 1004 |
| T | PLUG | B210050 | 1004 |
| U | NUT | A246038 | 1004 |
| V | PIN | A246039 | 1401 |
| W | NUT | A278621 | 1004 |
| X | YOKE | 127786 | 1401 |
| Y | NUT | 219755 | 1004 |
| Z | ANCHOR | C99335 | 1004 |
| AA | SEAT | A278669 | 1004 |
| AB | COVER | C99334-1 | 1004 |
| AC | YOKE | 127786 | 1401 |
| AD | PIN | 114788 | 1401 |
| AE | BOLT | 227517 | 1401 |

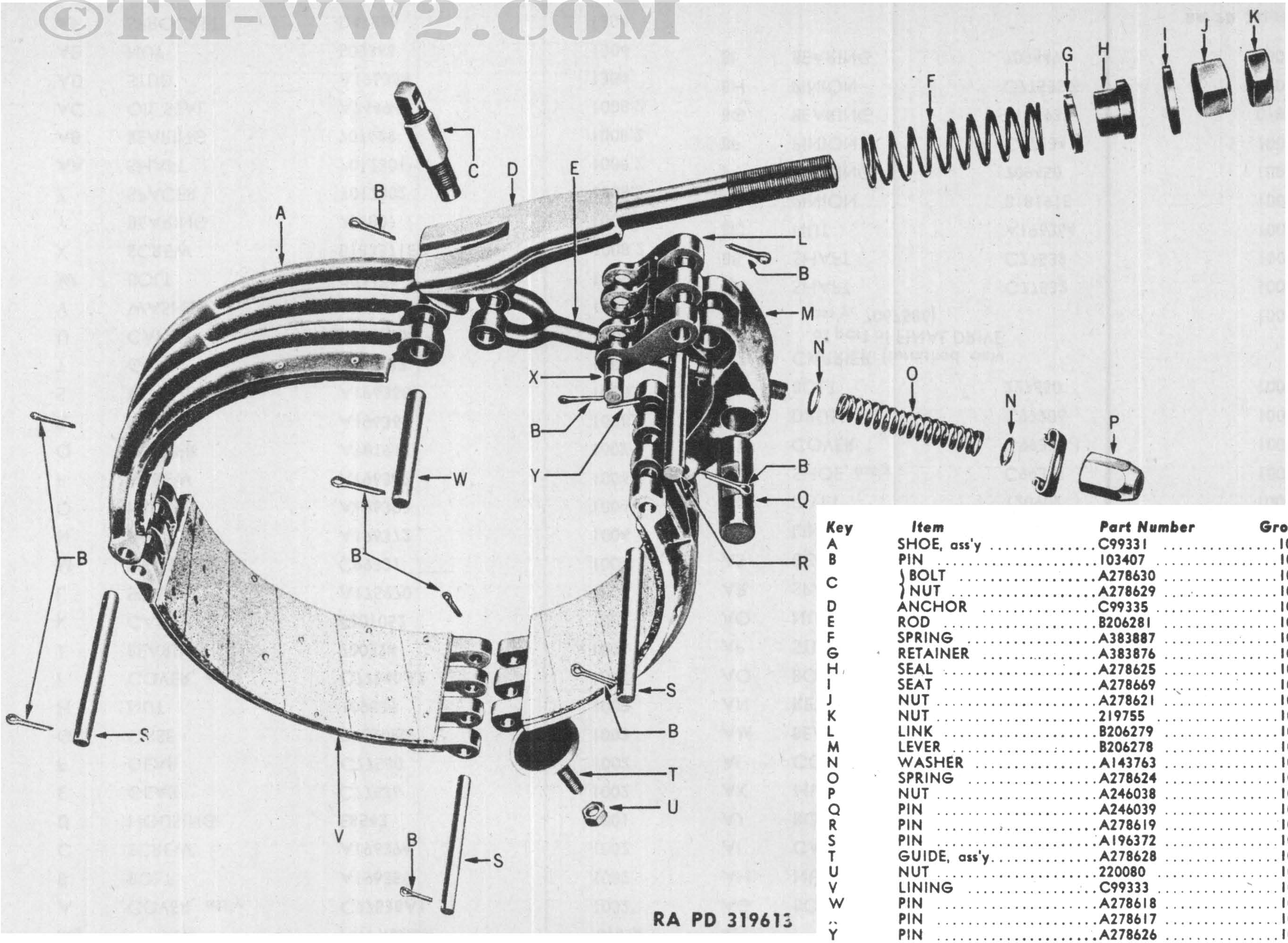
RA PD 319615G


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RA PD 341460

# FIGURE 10-18 — DIFFERENTIAL AND FINAL DRIVE — CROSS SECTION

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | COVER, ass'y | C77538A1 | 1002 |
| B | BOLT | A196359 | 1002 |
| C | SCREW | A196394 | 1002 |
| D | HOUSING | E8543 | 1001 |
| E | GEAR | C77536 | 1002 |
| F | GEAR | C77530 | 1002 |
| G | CASE | D46208D | 1002 |
| H | NUT | 109879 | 1002 |
| I | COVER, ass'y | C77540A2 | 1002 |
| J | BEARING | 700224 | 1002 |
| K | CAGE | B201052 | 1002 |
| L | SCREW | A175970 | 1002 |
| M | SHOE, ass'y | C99331 | 1004 |
| N | PIN | A196372 | 1004 |
| O | NUT | A196393 | 1004 |
| P | SCREW | A196362 | 1004 |
| Q | SPACER | A181917 | 1002 |
| R | NUT | A196368 | 1008.2 |
| S | WASHER | A196360 | 1008.2 |
| T | GEAR | 7067282 | 1008.2 |
| U | CAP | B183600-2 | 1008.2 |
| V | WASHER | 103326 | 1008.1 |
| W | BOLT | 223450 | 1008.1 |
| X | SCREW | B183371ED | 1008.2 |
| Y | BEARING | 709807 | 1008.2 |
| Z | SPACER | 7012302 | 1008.2 |
| AA | SHAFT | 7012301 | 1008.2 |
| AB | BEARING | 707689 | 1008.2 |
| AC | OIL SEAL | A244944 | 1008.2 |
| AD | STUD | A196384 | 1304 |
| AE | NUT | 503366 | 1304 |
| AF | SPROCKET | D47366 | 1304 |
| AG | BOLT | A384356 | 1304 |
| AH | NUT | 220080 | 1304 |
| AI | CAP | C46699C | 1008.2 |
| AJ | BOLT | 227651 | 1008.2 |
| AK | HUB, ass'y | C135867 | 1304 |
| AL | COVER | 7012303 | 1008.2 |
| AM | BEARING | 707645 | 1002 |
| AN | RETAINER | A196369 | 1008.2 |
| AO | BOLT | 228012 | 1008.2 |
| AP | STUD | A227910 | 1002 |
| AQ | NUT | 503322 | 1002 |
| AR | SPACER | C77537 | 1002 |
| AS | BEARING | 710149 | 1002 |
| AT | LINING | C99333 | 1004 |
| AU | RIVET | 120902 | 1004 |
| AV | SHOE, ass'y | C99331 | 1004 |
| AW | COVER | C99334-1 | 1004 |
| AX | DRUM | C97206 | 1004 |
| AY | BOLT | 227650 | 1004 |
| AZ | CARRIER (furnished only as part of FINAL DRIVE ass'y, 7067586) | | 1000 |
| BA | SHAFT | C77532 | 1002 |
| BB | SHAFT | C77533 | 1002 |
| BC | NUT | A196364 | 1002 |
| BD | PINION | B181915 | 1002 |
| P': | BEARING | 709450 | 1002 |
| BF | PINION | C77534 | 1002 |
| BG | BEARING | B181933 | 0702.2 |
| BH | PINION | C77535G | 0702.2 |
| BI | BEARING | 709449 | 1002 |

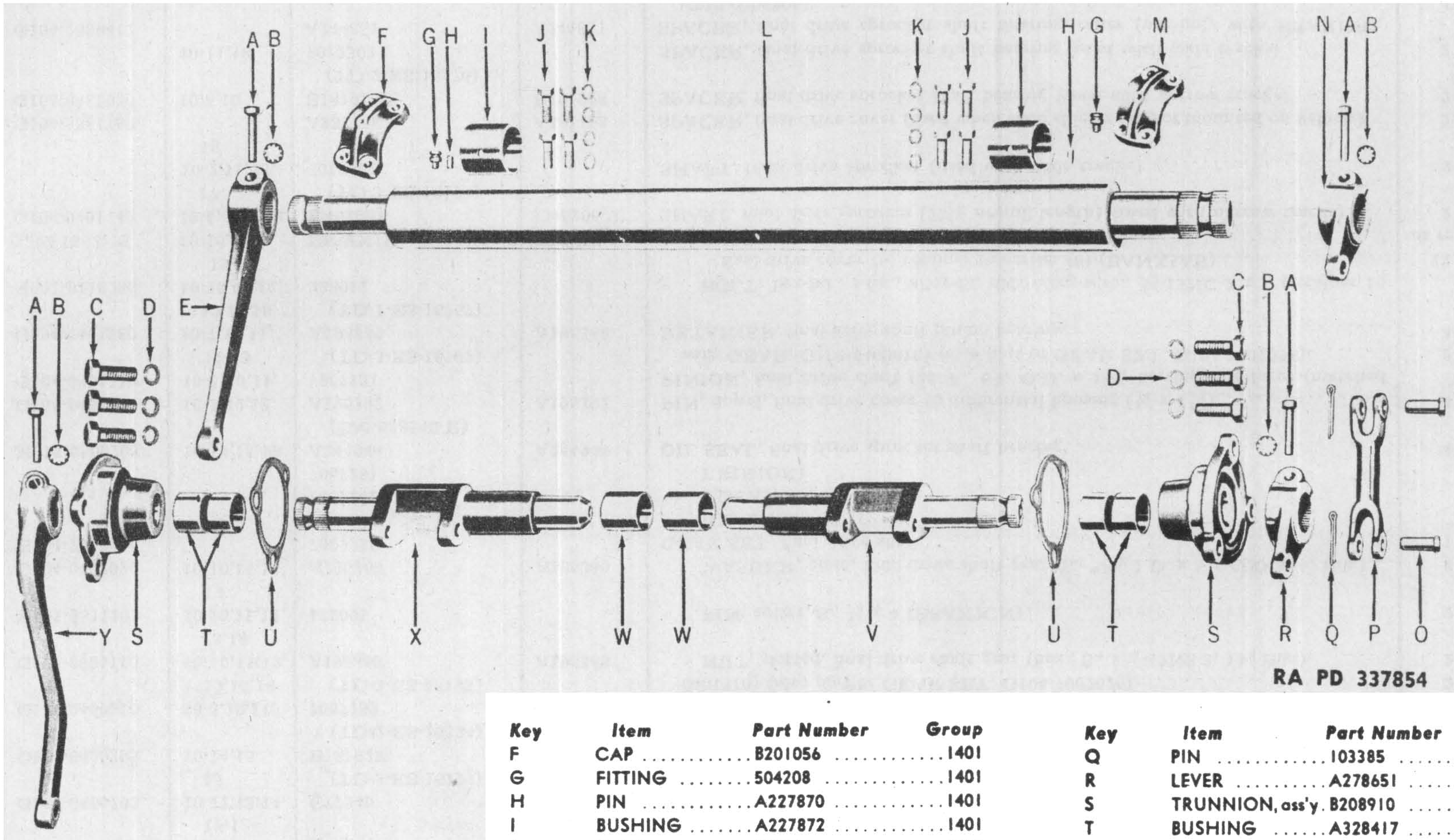
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| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SHOE, ass'y | C99331 | 1004 |
| B | PIN | 103407 | 1004 |
| C | } BOLT | A278630 | 1004 |
|  | } NUT | A278629 | 1004 |
| D | ANCHOR | C99335 | 1004 |
| E | ROD | B206281 | 1004 |
| F | SPRING | A383887 | 1004 |
| G | RETAINER | A383876 | 1004 |
| H | SEAL | A278625 | 1004 |
| I | SEAT | A278669 | 1004 |
| J | NUT | A278621 | 1004 |
| K | NUT | 219755 | 1004 |
| L | LINK | B206279 | 1004 |
| M | LEVER | B206278 | 1004 |
| N | WASHER | A143763 | 1004 |
| O | SPRING | A278624 | 1004 |
| P | NUT | A246038 | 1004 |
| Q | PIN | A246039 | 1004 |
| R | PIN | A278619 | 1004 |
| S | PIN | A196372 | 1004 |
| T | GUIDE, ass'y | A278628 | 1004 |
| U | NUT | 220080 | 1004 |
| V | LINING | C99333 | 1004 |
| W | PIN | A278618 | 1004 |
| .. | PIN | A278617 | 1004 |
| Y | PIN | A278626 | 1004 |

RA PD 319613G

**FIGURE 10-19 — STEERING BRAKE SHOE AND RELATED PARTS — EXPLODED VIEW**




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SCREW | A226616 | 1401 |
| B | WASHER | 115551 | 1401 |
| C | BOLT | 223450 | 1004 |
| D | WASHER | 103326 | 1004 |
| E | LEVER | B206316 | 1401 |
| F | CAP | B201056 | 1401 |
| G | FITTING | 504208 | 1401 |
| H | PIN | A227870 | 1401 |
| I | BUSHING | A227872 | 1401 |
| J | BOLT | 227517 | 1401 |
| K | WASHER | 103321 | 1401 |
| L | SHAFT | C96613 | 1401 |
| M | CAP | B201057-3 | 1401 |
| N | LEVER | A278652 | 1401 |
| O | PIN | 114788 | 1401 |
| P | ROD | A228011 | 1401 |
| Q | PIN | 103385 | 1401 |
| R | LEVER | A278651 | 1401 |
| S | TRUNNION, ass'y | B208910 | 1004 |
| T | BUSHING | A328417 | 1004 |
| U | GASKET | A227875 | 1004 |
| V | SHAFT | C99336A | 1004 |
| W | BUSHING | A196381 | 1004 |
| X | SHAFT | C99336B | 1004 |
| Y | LEVER | B206308 | 1401 |

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**FIGURE 10-20 — DOUBLE ANCHOR STEERING BRAKE SHAFTS AND LEVERS w/RELATED PARTS**

# GROUP 10 — FINAL DRIVE



| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | 10-2,13,15, 18 | 7012303 | | COVER, final drive (used with wide tracks) | 2 | |
| H-1 | H001-0116101 | 10-1,2,14,15, 17-1 | 223452 | | BOLT, hex-hd., s-fin., alloy-S., ¾-10NC-2 x 2½ (BANX2CG) | 6 | |
| H-1 | H001-0116099 | 10-14,15 | 223450 | | BOLT, hex-hd., s-fin., alloy-S., ¾-10NC-2 x 2 (BANX2CE) | 34 | |
| H-1 | H001-0116100 | | 223451 | | BOLT, hex-hd., s-fin., alloy-S., ¾-10NC-2 x 2¼ (BANX2CF) | 4 | |
| H-1 | H001-1518015 | 10-14,15, 17-1 | 103326 | | WASHER, lock, reg., S., ¾ in. (BECX1R) | 44 | |
| | G104-0400793 | 10-12,13,14, 15 | C77546 (TD-3-ES-16294) | C77546 | GASKET, final drive case cover | 2 | |
| | G104-0400795 | 10-14,15 | B181922 (TD-2-ES-16324) | B181922 | GASKET, final drive sprocket shaft outer bearing cap | 2 | |
| | G104-0400810 | 10-6,10,11, 12,13,18 | 7067282 (TD-3-ES-16193) | | GEAR, final drive shaft (71 T., 10.250 O.D.) (matched with PINION, G104-0401310) (also part of GEAR SET, G104-7002026) | 2 | |
| | G104-0401170 | 10-10,11,12, 13,18 | A196368 | A196368 | NUT, slotted, final drive shaft gear (hex., S., 2¾-12NS-3, 1⅛ thk.) | 2 | |
| H-1 | H001-0811107 | 10-10,11,12, 13 | 179095 | | PIN, cotter, S., ¼ x 4 (BFAX2CN) | 2 | |
| | G104-0402020 | 10-10,11,18 | A196360 | A196360 | WASHER, plain, final drive shaft gear (S., 213/16 I.D. x 5¼ O.D. x ⅜ thk.) | 2 | |
| | G104-7002026 | | 7002026 | | GEAR SET, final drive shaft | 1 | |
| | | | | | (Consists of: | | |
| | | | 7067282 | | 1 GEAR | | |
| | | | 7067281 | | 1 PINION) | | |
| H-13 | H013-0500208 | 10-14,15,18 | A244944 (CM-638540-R) | A244944 | OIL SEAL, final drive sprocket shaft bearing | 4 | |
| | G104-0401290 | 10-3,12,13 | A196392 | A196392 | PIN, dowel, final drive cover to differential housing (¾ x 1⅞) | 4 | |
| | G104-0401310 | 10-6,10,11, 12,13 | 7067281 (TD-3-ES-16192) | | PINION, final drive shaft (25 T., 6¾ O.D. x 113/16 herringbone face) (matched with GEAR, G104-0400810) (also part of GEAR SET, G104-7002026) | 2 | |
| | G104-0401380 | 10-7,10,11, 12,13,18 | A196369 (TD-1-ES-16267) | A196369 | RETAINER, final drive shaft pinion bearing | 4 | |
| H-1 | H001-0118280 | 10-10,11,12, 13,18 | 228012 | | BOLT, hex-hd., s-fin., alloy-S., dld. f/lkg-wire., ½-13NC-2 x 1 (retainer to final drive cover (6) retainer to carrier (6) (BANX5AB) | 12 | |
| | 22W-1642125 | 10-10,11 | BFWX1B | BFWX1 | WIRE, steel, low carbon, bright anld., .0625 diam. | as req. | |
| | G104-0401740 | 10-1,6,10,12, 17 | D46206J (TD-3-ES-16193) | D46206 | SHAFT, final drive sprocket (23⁹⁄₁₆ overall length) (used with narrow tracks) | 2 | |
| | | 10-2,11,13, 18 | 7012301 | | SHAFT, final drive sprocket (used with wide tracks) | 2 | |
| | G104-5381188 | | A381188 | A381188 | SPACER, final drive cover (used when sand shields are not mounted on vehicle) | 2 | |
| | G104-0401900 | 10-6,10 | B181918C (TD-2-ES-16276) | B181918 | SPACER, final drive sprocket shaft bearing (used with narrow tracks) | 2 | |
| | | 10-11,18 | 7012302 | | SPACER, final drive sprocket shaft bearing (used with wide tracks) | 2 | |
| | G104-2389417 | | A244831 | A244831 | SPACER, final drive sprocket shaft bearing, outer (use only with BEARING, H012-0709806) | 4 | |

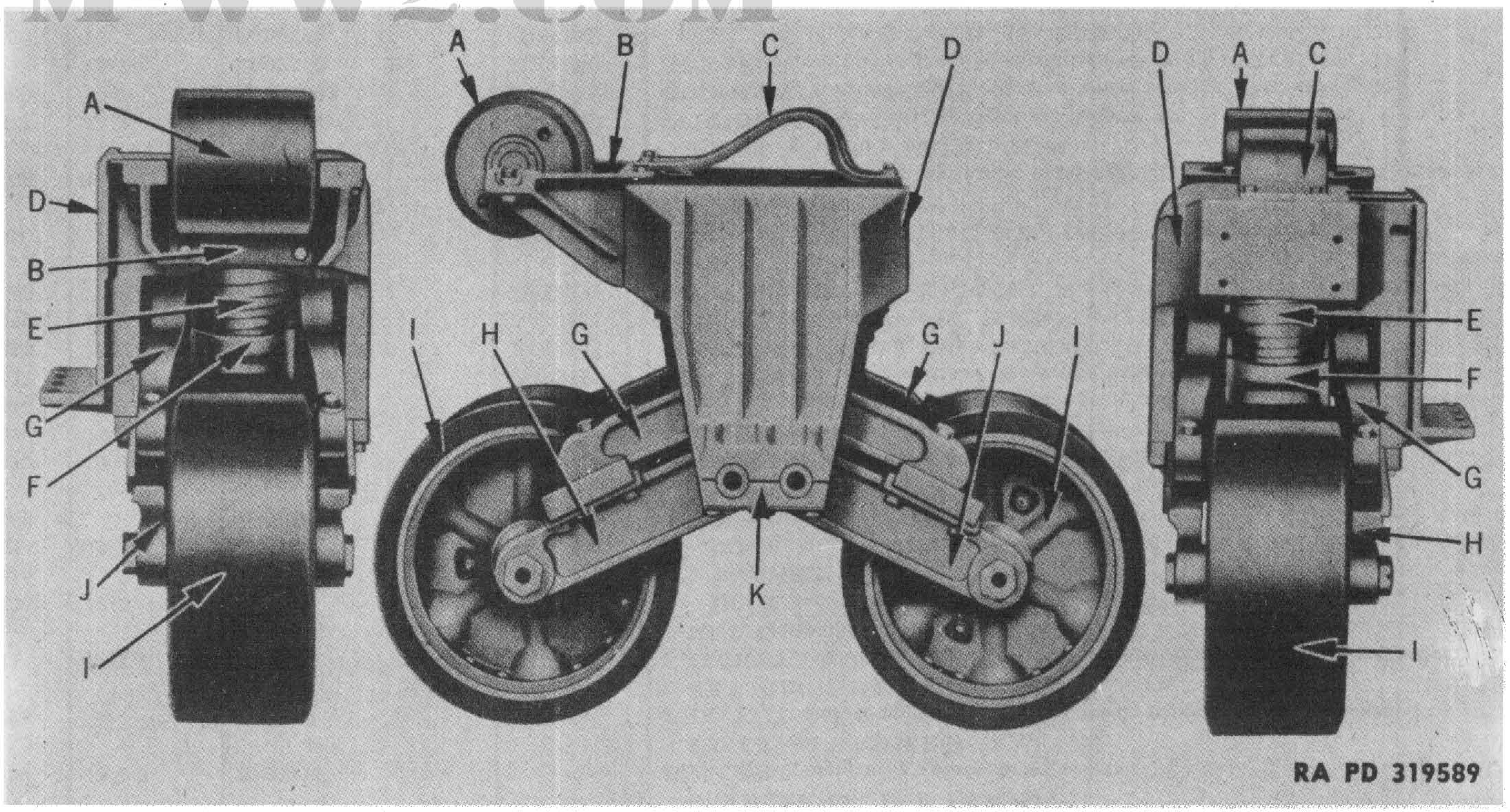


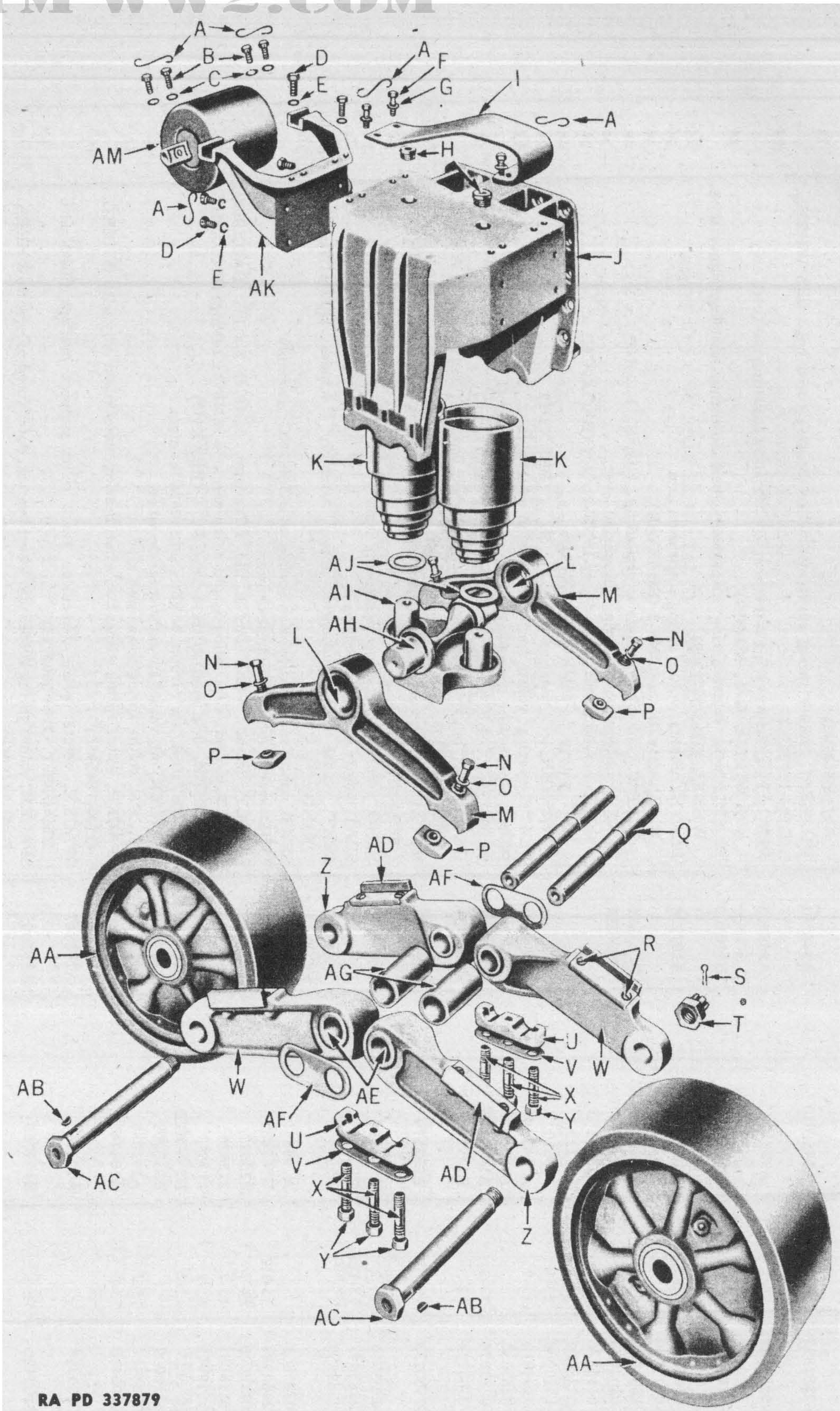

**FIGURE 13-1 — VERTICAL VOLUTE SPRING ASSEMBLY, D47527B — REAR, SIDE AND FRONT VIEWS**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | ROLLER, ass'y | C74507 | 1302 |
| B | BRACKET | C100823 | 1301 |
| C | SKID | B207881 | 1301 |
| D | BRACKET, ass'y | 5700004 | 1301 |
| E | SPRING | C95163 | 1301 |
| F | SEAT | C95289 | 1301 |
| G | LEVER, ass'y | A294630 | 1301 |
| H | ARM, ass'y | A294629 | 1301 |
| I | WHEEL, ass'y | C55573C | 1301 |
| J | ARM, ass'y | A294628 | 1301 |
| K | CAP | D47526B | 1301 |

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| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | **1301—VERTICAL VOLUTE SPRING SUSPENSION ASSEMBLY AND PARTS** | | |
| | G104-1510345 | 13-1,2 | A294629 | A294629 | ARM, volute spring suspension wheel, left, assembly (Includes: ARM, BUSHING, NUTS, PLATE and SCREWS) | 12 | |
| | G104-1510340 | 13-1,2 | A294628 | A294628 | ARM, volute spring suspension wheel, right, assembly (Includes: ARM, BUSHING, NUTS, PLATE and SCREWS) | 12 | |
| H-12 | H012-6014100 | | A383576 | A383576 | BEARING, tapered roller, assembly (2.4375 I.D. x 4.875 O.D. x 1.50 width) (Includes: CUP, H012-6203910, CONE, H012-6107300) (volute spring suspension wheel) (used only with WHEEL,G212-6578399) | 24 | |
| H-12 | H012-1902045 | 13-3 | 700427 | | BEARING, ball, No. 5309 (type D, annular, double row, reg., medium series, 1.7717 bore, 3.937 O.D., 1.5625 width) (volute spring suspension wheel) (used only with WHEEL, G104-1846950) (CABX3AL) (optional with BEARING, H012-0703009) | 24 | |
| H-12 | H012-0703009 | 13-3 | A244898 (TIM-A13626) | A244898 | BEARING, tapered roller, assembly (1.771 I.D., 3.943 O.D., 1.554 width) (volute spring suspension wheel) (used only with WHEEL, G104-1846950) (optional with BEARING, H012-1902045) | 24 | |
| | G104-0300724 | 13-1,2 | 5700004 | | BRACKET, mounting, volute spring suspension, assembly (Includes: CAP, NUTS, STUDS and WASHERS) | 6 | |
| | G104-0300725 | | C95129 | C95129 | BRACKET, volute spring suspension track support roller (superseded by BRACKET, G104-2551723) | 6 | |
| | G104-2551723 | 13-1,2 | C100823 | C100823 | BRACKET, volute spring suspension track support roller (supersedes BRACKET, G104-0300725) | 6 | |
| H-1 | H001-0116338 | 13-2 | 223735 | | BOLT, hex-hd., s-fin., alloy-S., ⅝-18NF-2 x 1¼ (BAOX2BB) | 36 | |
| H-1 | H001-1519015 | 13-2 | 115553 | | WASHER, lock, internal teeth, reg., S., ⅝ (BEAX2D) | 36 | |
| | 22W-1642125 | 13-2 | BFWX1B | BFWX1 | WIRE, steel, low carbon, bright annealed, .0625 in. diam. | as req. | |
| | G212-5345868 | | A345868 | A345868 | BUSHING, rubber, volute spring suspension wheel fitting stem (used only with WHEEL, G212-6578399) | 24 | |
| | G104-0301076 | 13-2 | A241039 | A241039 | BUSHING, volute spring suspension wheel arm | 24 | |
| | G104-0301020 | 13-2 | A164248 | A164248 | BUSHING, volute spring suspension lever | 12 | |
| | G104-0301040 | 13-2 | B153966 | B153966 | BUSHING, volute spring suspension spring seat | 12 | |
| | G104-0301153 | 13-1,2 | D47526B | D47526 | CAP, volute sprung suspension mounting bracket | 12 | |
| | G104-2314892 | 13-2 | A248103 | A248103 | NUT, cap to bracket (hex., 1-8NC-3) | 36 | |
| | G104-0307059 | 13-2 | A246152 | A246152 | STUD, cap to bracket (S., (1-8NC-3 x 1) (1-14NF-3) x 6 1/32) | 36 | |
| H-12 | H012-6107300 | | A383576A (TIM-554) | A383576 | CONE, beareng, tapered (2.4375 I. D.) (volute suspension wheel bearing) | 24 | |
| H-12 | H012-6203910 | | A383576B (TIM-552A) | A383576 | CUP, bearing, tapered (4.875 O.D.) (volute suspension wheel bearing) | 24 | |
| H-2 | H002-0504208 | 13-3 | 504208 | | FITTING, lubricating, hydraulic type, stght., ball seal, ⅛-27NPT, male (volute spring suspension wheel) (CLDX6A) | 12 | |
| H-2 | H002-0504211 | 13-3 | A143824 | A143824 | FITTING, relief, volute spring suspension wheel | 12 | |
| | G104-0302789 | 13-2 | B168446A | B168446 | GUDGEON, volute spring suspension wheel arm, bracket end | 12 | |
| | G104-2205500 | 13-2 | B208960 | B208960 | GUDGEON, volute spring suspension wheel arm, wheel end | 12 | |
| | G104-0304160 | 13-2 | A164295 | A164295 | NUT, arm gudgeon (hex., S., 1½-12NF-2) | 12 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| H-1 | H001-0811104 | 13-2 | 103425 | | PIN, cotter, S., $\frac{1}{4}$ x 2$\frac{3}{4}$ (BFAX2CE) | 12 |
| H-1 | H001-0518023 | 13-2 | 103907 | | KEY, Woodruff, S., $\frac{3}{16}$ x $\frac{7}{8}$ (volute spring suspension wheel arm gudgeon) (BGAX12A) | 12 |
| | G104-1672441 | 13-1,2 | A294630 | A294630 | LEVER, volute spring suspension, assembly (Includes: BUSHING and PLATE) | 12 |
| | G104-0303829 | 13-2 | A244895 | A244895 | LOCK, volute spring suspension mounting bracket cap stud | 12 |
| | G212-6210102 | | B210102 | B210102 | NUT, adjusting, volute spring suspension wheel bearing (used only with WHEEL, G212-6578399) | 24 |
| | G212-5383560 | | A383560 | A383560 | NUT, lock, volute spring suspension wheel oil slinger (used only with WHEEL, G212-6578399) | 24 |
| | G104-2382820 | | A345781 | A345781 | OIL SEAL, volute spring suspension wheel bearing (used only with WHEEL, G104-1846950) | 24 |
| | G212-5383608 | | A383608 | A383608 | PIN, locking, volute spring suspension wheel bearing adjusting nut (used only with WHEEL, G212-6578399) | 24 |
| | G212-6210100 | | B210100 | B210100 | PLATE, lock, volute spring suspension wheel adjusting nut (used only with WHEEL, G212-6578399) | 24 |
| | G104-0304980 | 13-2 | A187124 | A187124 | PLATE, rubbing, volute spring suspension arm | 24 |
| H-1 | H001-0725680 | | 503322 | | NUT, safety, S., $\frac{1}{2}$-20NF-3 (BBSX4AE) | 48 |
| | G104-1781976 | 13-2 | B183371DK | B183371 | SCREW, cap, rubbing plate to arm (fl-hd., alloy-S., $\frac{1}{2}$-20NF-2 x 2$\frac{3}{4}$) | 48 |
| | G104-0304990 | 13-2 | A164236 | A164236 | PLATE, rubbing, volute spring suspension lever | 24 |
| H-1 | H001-0116376 | 13-2 | 223755 | | BOLT, hex-hd., s-fin., alloy-S., $\frac{3}{4}$-16NF-2 x 2$\frac{3}{4}$ (BAOX2CH) | 24 |
| H-1 | H001-0725680 | | 503322 | | NUT, safety, $\frac{1}{2}$-20NF-3 (BBSX4AE) | 48 |
| H-1 | H001-1520008 | 13-2 | 180610 | | WASHER, lock, internal teeth, hv., S., $\frac{3}{4}$ (BEAX3H) | 24 |
| | G104-0304910 | 13-2 | A164249 | A164249 | PLATE, spacing, volute spring suspension wheel arm | 12 |
| H-6 | H006-0283030 | | A164342F | A164342 | PLUG, pipe, volute spring suspension mounting bracket (1 in.) | 12 |
| H-6 | H006-0283025 | 13-2 | A164342E | A164342 | PLUG, pipe, volute spring suspension spring seat ($\frac{3}{4}$ in.) | 12 |
| H-13 | H013-0500234 | 13-3 | B132704AB | B132704 | RETAINER, oil, volute spring suspension wheel bearing (used only with WHEEL, G104-1846950) | 48 |
| H-13 | H013-0500233 | | A383579 | A383579 | RETAINER, oil, volute spring suspension wheel bearing (used only with WHEEL, G212-6578399) | 24 |
| | G104-0305546 | 13-2 | A244896 | A244896 | RING, volute spring suspension spring seat | 12 |
| | G104-2382847 | 13-1,2 | C95289 | C95289 | SEAT, volute spring suspension | 6 |
| | G104-2382850 | | A294632 | A294632 | SEAT, volute spring suspension spring, assembly (Includes: BUSHING and RING) | 6 |
| | G130-0382801 | | A294631 | A294631 | SEAT, volute spring suspension spring, w/BUSHING, assembly | 6 |
| | G104-2386584 | 13-1,2 | B207881 | B207881 | SKID, track, volute spring suspension | 6 |
| H-1 | H001-0118078 | 13-2 | 225622 | | BOLT, hex-hd., s-fin., alloy-S., dld. f/lkg-wire., $\frac{5}{8}$-18NF-2 x 1$\frac{1}{4}$ (BAOX8BB) | 12 |
| H-1 | H001-0118081 | 13-2 | 225626 | | BOLT, hex-hd., s-fin., alloy-S., dld. f/lkg-wire., $\frac{5}{8}$-18NF-2 x 2 (long) (BAOX8BE) | 12 |
| H-1 | H001-1519015 | 13-2 | 115553 | | WASHER, lock, internal teeth, reg., S., $\frac{5}{8}$ (BEAX2D) | 24 |
| | 22W-1642125 | 13-2 | BFWX1B | BFWX1 | WIRE, steel, low carbon, bright anld., .0625 in. diam. | as req. |
| | G212-6210099 | | B210099 | B210099 | SLINGER, oil, volute spring suspension wheel | 24 |
| | G104-0306411 | 13-2 | A241038 | A241038 | SPACER, volute spring suspension arm | 12 |
| | G104-0306410 | 13-3 | A164241 | A164241 | SPACER, volute spring suspension wheel bearing, inner (used only with WHEEL, G104-1846950) | 12 |
| | G104-0306398 | | A295847 | A295847 | SPACER, volute spring suspension track roller support bracket (used with BRACKET, G104-0300725) | 6 |
| | G104-0306420 | 13-3 | B153965 | B153965 | SPACER, volute spring suspension wheel bearing, outer (used only with WHEEL, G104-1846950) | 24 |
| | G104-0306912 | 13-1,2 | C95163 | C95163 | SPRING, volute spring suspension | 12 |
| | G212-5345867 | | A345867 | A345867 | STEM, volute spring suspension wheel grease and relief fitting (used only with WHEEL, G212-6578399) | 24 |
| | G104-0307165 | | D47527A | D47527 | SUSPENSION, volute spring, left, assembly | 3 |




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**FIGURE 13-2 — VERTICAL VOLUTE SPRING ASSEMBLY, D47527B — EXPLODED VIEW**

## FIGURE 13-2 — VERTICAL VOLUTE SPRING ASSEMBLY, D47527B — EXPLODED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | WIRE | BFWX1B | 1301, 1302 |
| B | SCREW | 223725 | 1302 |
| C | WASHER | 115552 | 1302 |
| D | BOLT | 223735 | 1301 |
| E | WASHER | 115553 | 1301 |
| F | BOLT | 225626 | 1301 |
| G | WASHER | 115553 | 1301 |
| H | PLUG | A164342E | 1301 |
| I | SKID | B207881 | 1301 |
| J | BRACKET, ass'y | 5700004 | 1301 |
| K | SPRING | C95163 | 1301 |
| L | BUSHING | A164248 | 1301 |
| M | LEVER, ass'y | A294630 | 1301 |
| N | BOLT | 223755 | 1301 |
| O | WASHER | 180610 | 1301 |
| P | PLATE | A164236 | 1301 |
| Q | GUDGEON | B168446A | 1301 |
| R | SCREW | B183371DK | 1301 |
| S | PIN | 103425 | 1301 |
| T | NUT | A164295 | 1301 |
| U | CAP | D47526B | 1301 |
| V | LOCK | A244895 | 1301 |
| W | ARM, ass'y | A294629 | 1301 |
| X | STUD | A246152 | 1301 |
| Y | NUT | A248103 | 1301 |
| Z | ARM, ass'y | A294628 | 1301 |
| AA | WHEEL, ass'y | C55573C | 1301 |
| AB | KEY | 103907 | 1301 |
| AC | GUDGEON | B208960 | 1301 |
| AD | PLATE | A187124 | 1301 |
| AE | BUSHING | A241039 | 1301 |
| AF | PLATE | A164249 | 1301 |
| AG | SPACER | A241038 | 1301 |
| AH | BUSHING | B153966 | 1301 |
| AI | SEAT | C95289 | 1301 |
| AJ | RING | A244896 | 1301 |
| AK | BRACKET | C100823 | 1301 |
| AM | ROLLER, ass'y | C74507 | 1302 |

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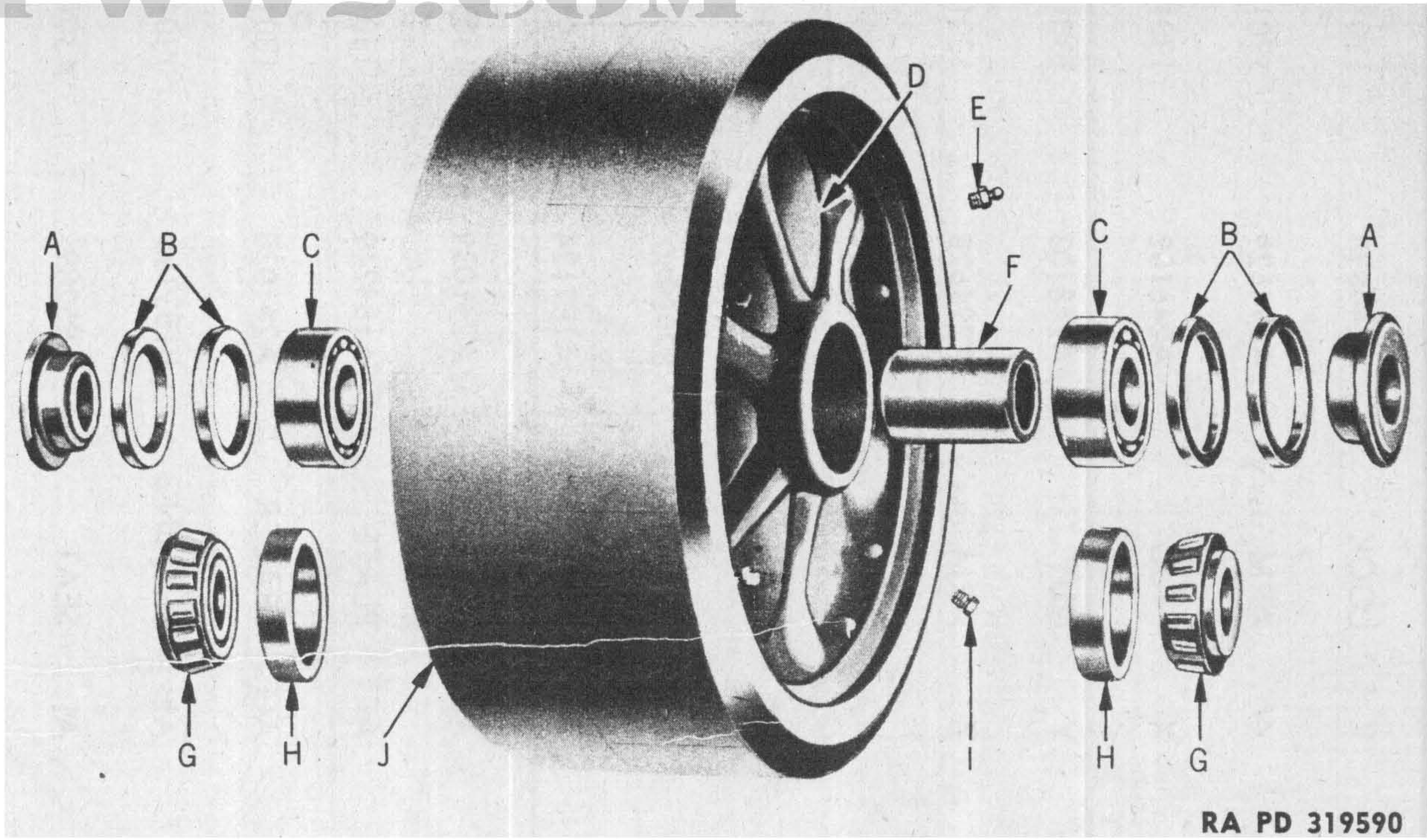



**FIGURE 13-3 — VERTICAL VOLUTE SPRING SUSPENSION WHEEL, C55573C (BOTH BEARING TYPES ILLUSTRATED)**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SPACER | B153965 | 1301 |
| B | RETAINER | B132704AB | 1301 |
| C | BEARING | 700427 | 1301 |
| D | WHEEL (furnished only as part of WHEEL ass'y, B168525) | | 1301 |
| E | FITTING | 504208 | 1301 |
| F | SPACER | A164241 | 1301 |
| G | CONE AND ROLLERS (furnished only as part of BEARING ass'y, A244898) | | 1304 |
| H | CUP (furnished only as part of BEARING ass'y, A244898) | | 1301 |
| I | FITTING | A143824 | 1301 |
| J | TIRE | C66470 | 1301 |

RA PD 319590G

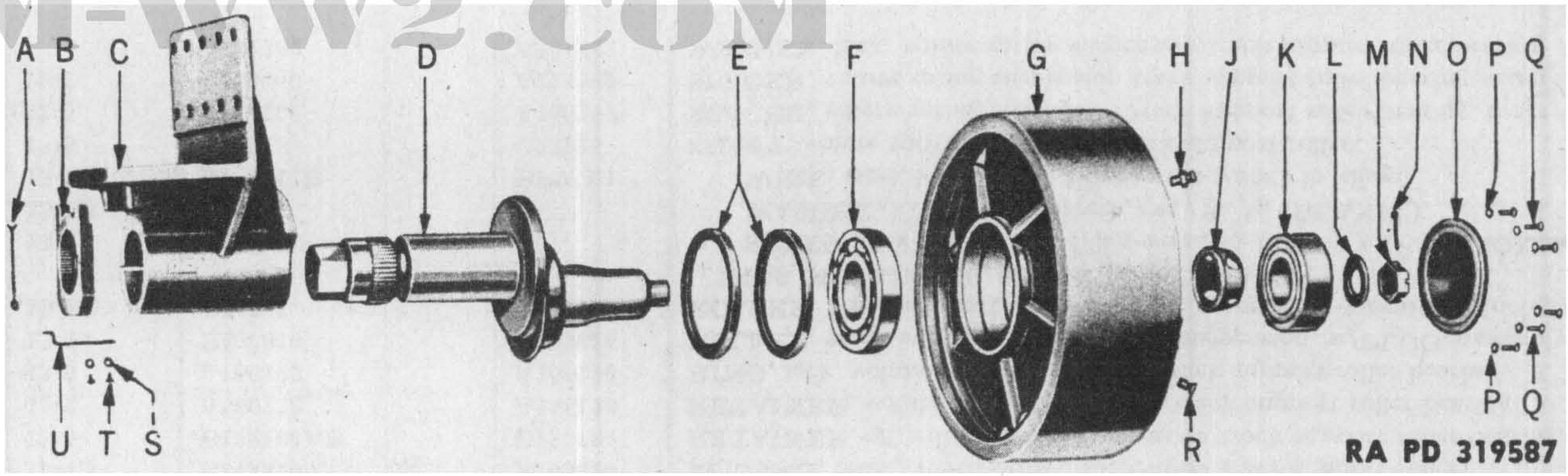



**FIGURE 13-4 — NARROW TRACK REAR IDLER ASSEMBLY AND RELATED PARTS — EXPLODED VIEW**

| Key | Item | Part Number | Group | Key | Item | Part Number | Group | Key | Item | Part Number | Group |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A | PIN | 217967 | 1303 | H | FITTING | 504208 | 1303 | P | WASHER | 103321 | 1303 |
| B | COLLAR | B152538 | 1303 | J | SPACER | B154105 | 1303 | Q | SCREW | 213733 | 1303 |
| C | BRACKET | D37919B | 1303 | K | BEARING | 700434 | 1303 | R | FITTING | A143824 | 1302 |
| D | SPINDLE | C73936 | 1303 | L | WASHER | A140329 | 1303 | S | WASHER | 115547 | 1303 |
| E | RETAINER | A164511 | 1303 | M | NUT | A164701 | 1303 | T | SCREW | 149495 | 1303 |
| F | BEARING | 700348 | 1303 | N | PIN | 103415 | 1003 | U | SPRING | A161788 | 1303 |
| G | WHEEL, ass'y | C85164 | 1303 | O | CAP | A187321 | 1303 | | | | |

RA PD 319587G



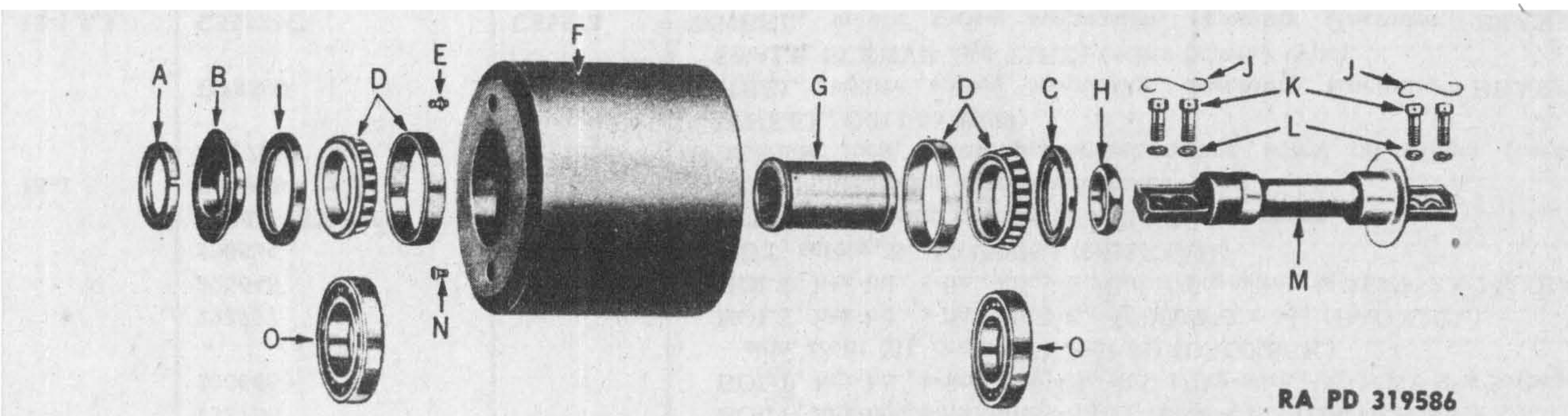



**FIGURE 13-5 — NARROW TRACK SUPPORT ROLLER ASSEMBLY, C74507 — EXPLODED VIEW**

| Key | Item | Part Number | Group | Key | Item | Part Number | Group | Key | Item | Part Number | Group |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A | RING | A166123 | 1302 | F | ROLLER, ass'y | B207814 | 1302 | L | WASHER | 115552 | 1302 |
| B | RETAINER | A166120 | 1302 | G | SPACER | A166122 | 1302 | M | SHAFT | C73915 | 1302 |
| C | RETAINER | B132704AB | 1302 | H | SPACER | A213649 | 1302 | N | FITTING | A143824 | 1302 |
| D | BEARING | 700084 | 1302 | J | WIRE | BFWX1B | 1302 | O | BEARING | A244902 | 1302 |
| E | FITTING | 504208 | 1302 | K | SCREW | 223725 | 1302 | | | | |

RA PD 319586G

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0307166 | | D47527B | D47527 | SUSPENSION, volute spring, right, assembly | 3 | |
| H 1 | H001-0116376 | | 223755 | | BOLT, hex-hd., s-fin., alloy-S., ¾-16NF-2 x 2¾ (bracket to hull side, front (8), center (8), rear (8) (BAOX2CH) | 24 | |
| H-1 | H001-0116377 | | 233756 | | BOLT, hex-hd., s-fin., alloy-S., ¾-16NF-2 x 3 (BAOX2CK) | 8 | |
| H-1 | H001-0118099 | | 225646 | | BOLT, hex-hd., s-fin., alloy-S., dld. f/lkg-wire., ¾-16NF-2 x 3 (bracket to hull side, front (8), center (8), rear (8) (BAOX8CK) | 24 | |
| H-1 | H001-0116378 | | 223757 | | BOLT, hex-hd., s-fin., alloy-S., ¾-16NF-2 x 3¼ (BAOX2CL) | 12 | |
| H-1 | H001-0118098 | | 225645 | | BOLT, hex-hd., s-fin., alloy-S., dld. f/lkg-wire., ¾-16NF-2 x 2¾ (BAOX8CH) | 16 | |
| H-1 | H001-0725710 | | 503334 | | NUT, safety, S., ¾-16NF-3 (BBSX4AH) | 36 | |
| | | | (AML-ISY-3462) | | STUD, suspension bracket to hull side rear cover | 4 | |
| | G104-0307320 | 13-3 | C66470 | C66470 | WIRE, volute spring suspension wheel | 12 | |
| | G104-5277966 | | A277966 | A277966 | WASHER, lock, volute spring suspension wheel oil slinger (used only with WHEEL, G212-6578399) | 24 | |
| | G212-6578399 | | D78399 | D78399 | WHEEL, volute spring suspension, assembly (Includes: BEARINGS, OIL SEALS, SLEEVE and TIRE) (roller bearing type) | 12 | |
| | G104-1846950 | 13-1,2,3 | C55573C | C55573 | WHEEL, volute spring suspension, assembly (Includes: BEARINGS, OIL SEALS, SPACERS and TIRE) (ball bearing type) | 12 | |
| | G104-6210709 | | B210709 | B210709 | WHEEL, volute spring suspension, w/TIRE, assembly (roller bearing type) | 12 | |
| | G104-0307790 | 13-3 | B168525 | B168525 | WHEEL, volute spring suspension, w/TIRE, assembly (ball bearing type) | 12 | |
| | | | | | **1302—NARROW TRACK SUPPORT ROLLERS AND BRACKETS** | | |
| H-12 | H012-1303055 | 13-5 | 700084 | | BEARING, ball, No. 211 (type A, annular, single row, light series, 2.1654 bore, 3.9370 O.D., .8268 width) (volute spring suspension track support roller) (CAAX1AS) (optional with BEARING, H012-0703003) | 12 | |
| H-12 | H012-0703003 | 13-5 | 703003<br>A244902<br>(TIM-A13625) | A244902 | BEARING, roller, assembly (2.1649 I.D. x 3.938 O.D. x .8268 width) (volute spring suspension track support roller) (optional with BEARING, H012-1303055) | 12 | |
| H-2 | H002-0504208 | 13-5 | 504208 | | FITTING, lubricating, hydraulic type, stght., ball seal, ⅛-27NPT, male (volute spring suspension track support roller) (CLDX6A) | 6 | |
| H-2 | H002-0504211 | 13-4,5 | A143824 | A143824 | FITTING, relief, volute spring suspension track support roller | 6 | |
| H-13 | H013-0500234 | 13-5 | B132704AB | B132704 | RETAINER, oil, volute spring suspension track support roller bearing | 12 | |
| | G104-0305390 | 13-5 | A166120 | A166120 | RETAINER, volute spring suspension track support roller bearing | 6 | |
| | G104-0305520 | 13-5 | A166123 | A166123 | RING, lock, volute spring suspension track support roller bearing | 6 | |
| | G104-1773479 | 13-5 | B207814 | B207814 | ROLLER, track support, volute spring suspension, w/PLUG, assembly | 6 | |
| | G104-0305690 | 13-1,2 | C74507 | C74507 | ROLLER, track support, volute spring suspension, assembly (Includes: BEARINGS, RETAINERS, SPACERS and SHAFT) | 6 | |
| H-1 | H001-0116320 | 13-1,5 | 223725 | | SCREW, hex-hd., S., dld. f/lkg-wire., 9/16-18NF-3 x 1 11/16 (BAOX2AK) | 24 | |
| H-1 | H001-1519014 | 13-1,5 | 115552 | | WASHER, lock, internal teeth, reg., S., 9/16 (BEAX2C) | 24 | |
| | 22W-1642125 | 13-1,5 | BFWX1B | BFWX1 | WIRE, steel, low carbon, bright anld., .0625 in. diam. | as req. | |
| | G104-0306040 | 13-5 | C73915 | C73915 | SHAFT, volute spring suspension track support roller | 6 | |
| | G104-0306380 | 13-5 | A166122 | A166122 | SPACER, volute spring suspension track support roller bearing, inner | 6 | |
| | G104-0306390 | 13-5 | A213649 | A213649 | SPACER, volute spring suspension track support roller bearing, outer | 6 | |
| | M005-0259090 | | A381352 | A381352 | WASHER, lock, volute spring suspension track support roller bearing | 6 | |

## 1303—NARROW TRACK IDLERS AND BRACKETS

| | | | | | | |
|---|---|---|---|---|---|---|
| H-12 | H012-1304095 | 13-4 | 700348 | | BEARING, ball, No. 319 (type A, annular, single row, medium series, 3.7402 bore, 7.874 O.D., 1.7717 width) (idler wheel, inner) (CAAX3AX) | 2 |
| H-12 | H012-1902080 | 13-4 | 700434 | | BEARING, ball, No. 5316 (type D, annular, double row, medium series, 3.1496 bore, 6.6929 O.D., 2.6875 width) (idler wheel, outer) (CABX3AT) | 2 |
| H-1 | H001-0116447 | | 223791 | | BOLT, hex-hd., s-fin., alloy-S., 1-14NF-2 x $4\frac{1}{2}$ (idler wheel mounting bracket spindle retaining) (BAOX2ER) | 4 |
| | G104-0300870 | 13-4 | D37919B | D37919 | BRACKET, mounting, idler wheel, left | 1 |
| | G104-0300920 | | D37919A | D37919 | BRACKET, mounting, idler wheel, right | 1 |
| H 1 | H001-0116378 | | 223757 | | BOLT, hex-hd., s-fin., alloy-S., $\frac{3}{4}$-16NF-2 x $3\frac{1}{4}$ (BAOX2CL) | 26 |
| H 1 | H001-0116384 | | 223760 | | BOLT, hex-hd., s-fin., alloy-S., $\frac{3}{4}$-16NF-2 x 4 (BAOX2CP) | 2 |
| H-1 | H001-0725710 | | 503397 | | NUT, safety, S., $\frac{3}{4}$-16NF-3 (BBWX1HA) | 28 |
| | G104-0301150 | 13-4 | A187321 | A187321 | CAP, hub, idler wheel | 2 |
| H-1 | H001-1013033 | 13-4 | 213733 | | SCREW, cap, hex-hd., S., $\frac{3}{8}$-16NC-2 x $1\frac{1}{4}$ (BCAX1CD) | 12 |
| H-1 | H001-1518009 | 13-4 | 103321 | | WASHER, lock, reg., S., $\frac{3}{8}$ (BECX1K) | 12 |
| | G104-0301440 | 13-4 | B152538 | B152538 | COLLAR, locking, idler wheel spindle | 2 |
| H-2 | H002-0504208 | 13-4 | 504208 | | FITTING, lubricating, hydraulic type, stght., ball seal, $\frac{1}{8}$-27NPT, male (idler wheel) (CLDX6A) | 2 |
| | G104-0302310 | | A187322 | A187322 | GASKET, idler wheel hub cap | 2 |
| | G104-0304170 | 13-4 | A164701 | A164701 | NUT, idler wheel spindle (hex., slotted, S., $1\frac{3}{4}$-12NF-2) | 2 |
| H-1 | H001-0811082 | 13-4 | 103415 | | PIN, cotter, split, S., $\frac{5}{16}$ x 3 (idler wheel spindle nut) (BFAX2AM) | 2 |
| H-1 | H001-0811108 | 13-4 | 217967 | | PIN, cotter, split, S., $\frac{1}{4}$ x $4\frac{1}{2}$ (idler wheel spindle locking collar stop) (BFAX2CP) | 2 |
| | G103-0303245 | 13-4 | A164511 (CM-813620) | A164511 | RETAINER, oil, idler wheel bearing | 4 |
| | G104-0305760 | | A160082 | A160082 | SCREW, idler wheel mounting bracket spreader (hex-hd., S., 1-14 (L.H.) NF-3 x $2\frac{3}{4}$) | 2 |
| | G104-0305760 | | A160082 | A160082 | SCREW, idler spindle to bracket | 2 |
| | G104-0306430 | 13-4 | B154105 | B154105 | SPACER, idler wheel bearing | 2 |
| | G104-0306460 | 13-4 | C73936 | C73936 | SPINDLE, idler wheel | 2 |
| | G104-0306500 | 13-4 | A161788 | A161788 | SPRING, retaining, idler wheel spindle locking collar | 2 |
| H-1 | H001-1030673 | 13-4 | 149495 | | SCREW, mach., rd-hd., S., $\frac{1}{4}$-28NF-2 x $\frac{1}{2}$ (BCOX1.1CF) | 4 |
| H-1 | H001-1519009 | 13-4 | 115547 | | WASHER, lock, internal teeth, reg., S. $\frac{1}{4}$ (BEAX1H) | 4 |
| | G104-0307680 | 13-4 | A140329 | A140329 | WASHER, retaining, idler wheel bearing (plain, S., $1\frac{25}{32}$ I.D. x $3\frac{3}{4}$ O.D. x $\frac{3}{8}$) | 2 |
| | G104-0307773 | 13-4 | C85164 | C85164 | WHEEL, idler, assembly (Composed of: DISCS, HUB and RIM) | 2 |
| | G128-0446927 | | A294714 | A294714 | WHEEL, idler, assembly (Includes: BEARINGS, FITTINGS, RETAINER and SPACER) | 2 |

## 1304—NARROW TRACK DRIVE SPROCKETS

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0401010 | 10-10 | C77545 | C77545 | HUB, track drive sprocket | 2 |
| H-1 | H001-0725730 | 10-1,10 | 503366 | | NUT, safety, S., 1-14NF-3 (BBSX4AL) | 16 |
| | G104-0401970 | 10-1,10,12 | A196384 | A196384 | STUD, sprocket hub to shaft (S., 1-14NF-3 x $3\frac{5}{8}$ x 1-14NF-5) | 16 |
| | G104-0400550 | 10-10 | A196382 (TD-1-ES-16288) | A196382 | PIN, dowel, track drive sprocket hub | 16 |
| | G104-0401960 | 10-10 | D47366 | D47366 | SPROCKET drive, track (steel plate) (optional with SPROCKET, G104-1791800 or G104-1791801) | 4 |
| | G104-1791800 | | D47366A | D47366 | SPROCKET, drive, track (steel casting) (optional with SPROCKET, G104-0401960 or G104-1791801) | 4 |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1791801 | | D47366B | D47366 | SPROCKET, drive, track (steel forging) (optional with SPROCKET, G104-0401960 or G104-1791800) | 4 | |
| | G104-1524212 | 10-10 | A246629 | A246629 | BOLT, sprocket to hub (hex-hd., S., $\frac{1}{2}$-13NC-3 x 1$\frac{1}{2}$) | 52 | |
| H-1 | H001-1520005 | 10-10 | 118975 | | WASHER, lock, internal teeth, hv., S., $\frac{1}{2}$ (BEAX3E) | 52 | |
| | | | | | **1305.1 TRACK, RUBBER, NON-REVERSIBLE T-51** | | |
| | G104-1524330 | | C95162 | C95162 | BOTTOM, track grouser, welded, w/PINS, assembly | 26 | |
| | G104-0301488 | 13-6 | C55592 | C55592 | CONNECTOR, track link (optional with C100887) | 316 | |
| | G104-0301485 | | C100887 | C100887 | CONNECTOR, track link (optional with C55592) | 316 | |
| | G104-1569295 | | B197492 | B197492 | END, track grouser, welded, w/PINS, assembly | 26 | |
| | G104-1605400 | 13-6 | D48082 | D48082 | GROUSER, track, assembly (Includes: BOTTOM, END, PINS, STUDS and NUTS) | 26 | |
| | G104-0303794 | 13-6 | C95147 | C95147 | LINK, track, assembly | 158 | |
| H-1 | H001-0725700 | 13-6 | 503330 | | NUT, safety, S., $\frac{5}{8}$-18NF-3 (track link connector wedge) (BBSX4AG) | 316 | |
| | G104-3087401 | | A244890 | A244890 | STUD, track grouser end to bottom (S., $\frac{3}{4}$-16NF-5 (1$\frac{3}{16}$ x 2$\frac{7}{16}$ x $\frac{5}{8}$-18NF-2 ($\frac{7}{8}$) | 52 | |
| | G104-1783067 | | D48076B | D48076 | TRACK, strip (10 links per strip) | 16 | |
| | G104-0307761 | 13-6 | A176090 | A176090 | WEDGE, track link connector | 316 | |
| | | | | | **1305.3 TRACK, RUBBER—CHEVRON T-48** | | |
| | G104-0301488 | 13-6 | C55592 | C55592 | CONNECTOR, track link | 316 | |
| | G104-0303792 | 13-6 | C106350 | C106350 | LINK, track, assembly | 158 | |
| H-1 | H001-0725700 | 13-6 | 503330 | | NUT, safety, S., $\frac{5}{8}$-18NF-3 (track link connector wedge) (BBSX4AG) | 316 | |
| | G104-1783067 | | D48067B | D48067 | TRACK, strip (10 links per strip) | 16 | |
| | G104-0307761 | 13-6 | A176090 | A176090 | WEDGE, track link connector | 316 | |
| | | | | | **1305.5 TRACK, STEEL—CHEVRON T-49** | | |
| | G104-0301488 | 13-6 | C55592 | C55592 | CONNECTOR, track link | 316 | |
| | G104-0303793 | 13-6 | C106358 | C106358 | LINK, track, assembly | 158 | |
| H-1 | H001-0725770 | 13-6 | 503330 | | NUT, safety, S., $\frac{5}{8}$-18NF-3 (track link connector wedge) (BBSX4AG) | 316 | |
| | G104-1783068 | | D48073B | D48073 | TRACK, strip (10 links per strp) | 16 | |
| | G104-0307761 | 13-6 | A176090 | A176090 | WEDGE, track link connector | 316 | |
| | | | | | **1305.7 TRACK, STEEL—CHEVRON T54E1** | | |
| | G104-0301488 | 13-6 | C55592 | C55592 | CONNECTOR, track link | 316 | |
| | G104-2276581 | 13-6 | C106443 | C106443 | LINK, track, assembly | 158 | |
| H-1 | H001-0725700 | 13-6 | 503330 | | NUT, safety, S., $\frac{5}{8}$-18NF-3 (track link connector wedge)( BBSX4AG) | 316 | |
| | G104-1783071 | | D58628B | D58628 | TRACK, strip (10 links per strip) | 16 | |
| | G104-0307761 | 13-6 | A176090 | A176090 | WEDGE, track link connector | 316 | |

## 1305.8 TRACK, STEEL—CHEVRON T-56

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0501488 | 13-6 | C55592 | C55592 | CONNECTOR, track link | 316 |
| | G104-1676440 | 13-6 | C106496 | C106496 | LINK, track, assembly | 158 |
| H-1 | H001-0725770 | 13-6 | 503330 | | NUT, safety, S., 5/8-18NF-3 (track link connector wedge) (BBSX4AG) | 316 |
| | G104-1783072 | | D58641B | D58641 | TRACK, strip (10 links per strip) | 16 |
| | G104-0307761 | 13-6 | A176090 | A176090 | WEDGE, track link connector | 316 |

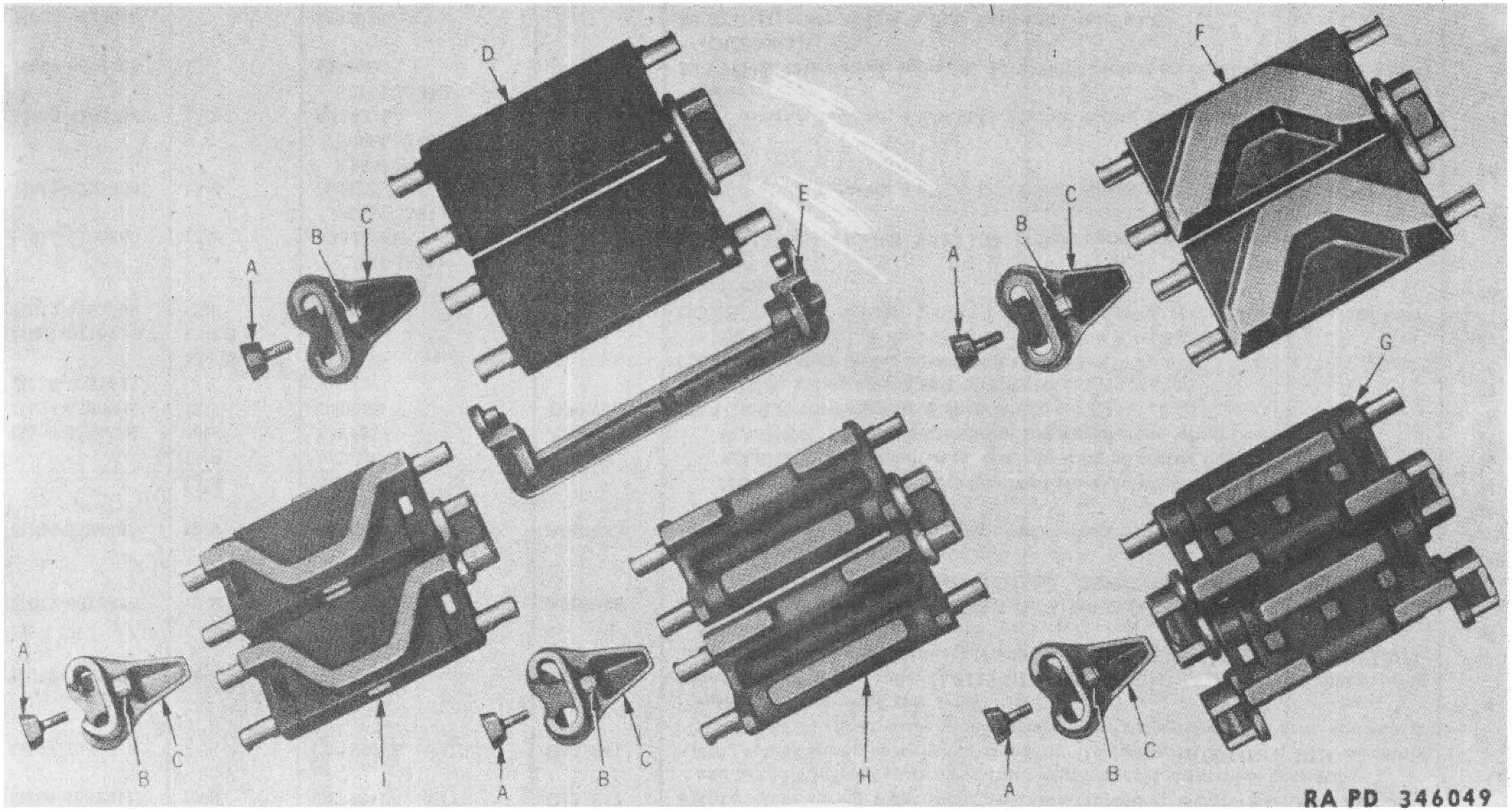



**FIGURE 13-6 — TRACK LINK ASSEMBLIES WITH CONNECTORS AND WEDGES**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | CONNECTOR | C55592 | 1305.1, 1305.3, 1305.5, 1305.7, 1305.8 |
| B | NUT | 503330 | 1305.1, 1305.3, 1305.5, 1305.7, 1305.8 |
| C | WEDGE | A176090 | 1305.1, 1305.3, 1305.5, 1305.7, 1305.8 |
| D | LINK | C95147 | 1305.1 |
| E | GROUSER | D48082 | 1305.1 |
| F | LINK | C106350 | 1305.3 |
| G | LINK | C106496 | 1305.8 |
| H | LINK | C106358 | 1305.5 |
| I | LINK | C106443 | 1305.7 |

RA PD 346049A

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | **1301—HORIZONTAL VOLUTE SPRING SUSPENSION ASSEMBLY AND PARTS** | | |
| | G104-5635841 | 13-8 | C135841A | C135841 | ARM, volute spring suspension, assembly (Includes: BUSHING, PIN assembly and SHAFT) (front suspension front arm and rear suspension rear arm) | 4 | |
| | G104-7009078 | | C135841B | C135841 | ARM, volute spring suspension, assembly (Includes: BUSHING, PIN assembly and SHAFT) (front suspension rear arm, rear suspension front arm, and center suspension front and rear arms) | 8 | |
| H-12 | H012-6042200 | 13-8 | A384329 | A384329 | BEARING, tapered, roller (2.8125 I.D., 4.625 O.D., 1.1875 width) (volute spring suspension road wheel, inner) (Includes: CONE H012-6163580 and CUP H012-6225000) | 24 | |
| H-12 | H012-6013820 | 13-8 | A384328 | A384328 | BEARING, tapered, roller (2.125 I.D., 4.250 O.D., 1.4375 width) (volute spring suspension road wheel, outer) (Includes: CONE H012-6106860 and CUP H012-6203700) | 24 | |
| | G104-5384333 | 13-8 | A384333 | A384333 | NUT, lock, volute spring suspension road wheel bearing (S., 2.000 bore) (4 notches) | 24 | |
| | | 13-8 | 7055729 | | NUT, volute spring suspension road wheel bearing, outer | 24 | |
| | | 13-8 | 7056102 | | WASHER, lock, road wheel outer bearing adjusting nut | 24 | |
| | G104-5384332 | 13-8 | A384332 | A384332 | WASHER, thrust, volute spring suspension road wheel bearing | 24 | |
| | G104-6580065 | 13-7 | D80065 | D80065 | BRACKET, volute spring suspension | 6 | |
| | G104-7055625 | | 7055625 | | BUSHING, volute spring suspension arm | 12 | |
| | | 13-7,8 | 7055730 | | CAP, hub, volute spring suspension road wheel | 24 | |
| H-1 | H001-0116219 | 13-7,8 | 223598 | | BOLT, hex-hd., s-fin., alloy-S., ⅜-24NF-2 x 1 (BAOX1CC) | 120 | |
| H-12 | H012-6163580 | 13-8 | 705484<br>A384329B<br>(TIM-33281) | A384329 | CONE, bearing, tapered, 2.8125 I.D. (volute spring suspension road wheel bearing, inner) | 24 | |
| H-12 | H012-6106860 | 13-8 | A384328B<br>(TIM-539) | A384328 | CONE, bearing, tapered, 2.125 I.D. (volute spring suspension road wheel bearing, outer) | 24 | |
| H-12 | H012-6225000 | 13-8 | 706878<br>A384329A<br>(TIM-33462) | A384329 | CUP, bearing, tapered, 4.625 O.D. (volute spring suspension road wheel bearing, inner) | 24 | |
| H-12 | H012-6203700 | 13-8 | A384328A<br>(TIM-532X) | A384328 | CUP, bearing, tapered, 4.250 O.D. (volute spring suspension road wheel bearing, outer) | 24 | |
| H-2 | H002-0504208 | 13-7 | 504208 | | FITTING, lubricating, stght., S., ⅛-27NPT (volute spring suspension road wheel) (CLDX6A) | 24 | |
| H-2 | H002-0224010 | | 7055928 | | FITTING, relief, volute spring suspension road wheel | 24 | |
| | G104-5384334 | 13-8 | A384334 | A384334 | GASKET, volute spring suspension road wheel hub cap | 24 | |
| | | 13-8 | C135845 | C135845 | HUB, volute spring suspension road wheel | 12 | |
| | G104-7002021 | | 7002021 | | HUB, volute spring suspension road wheel, assembly (Includes: BEARINGS, CUPS, PILOT and SEALS) | 24 | |
| | | | A384327 | A384327 | PILOT, volute spring suspension road wheel hub to road wheel | 48 | |
| | G104-5384316 | | A384316 | A384316 | PIN, locking, volute spring suspension spring seat rubbing plate | 24 | |
| | | 13-7,8 | A384315 | A384315 | PIN, volute spring suspension arm to spring seat, assembly | 12 | |
| | G104-5384320 | | A384320 | A384320 | BOLT, volute spring suspension arm pin (hex-hd., S., 1-14NF-2 x 5½) | 24 | |

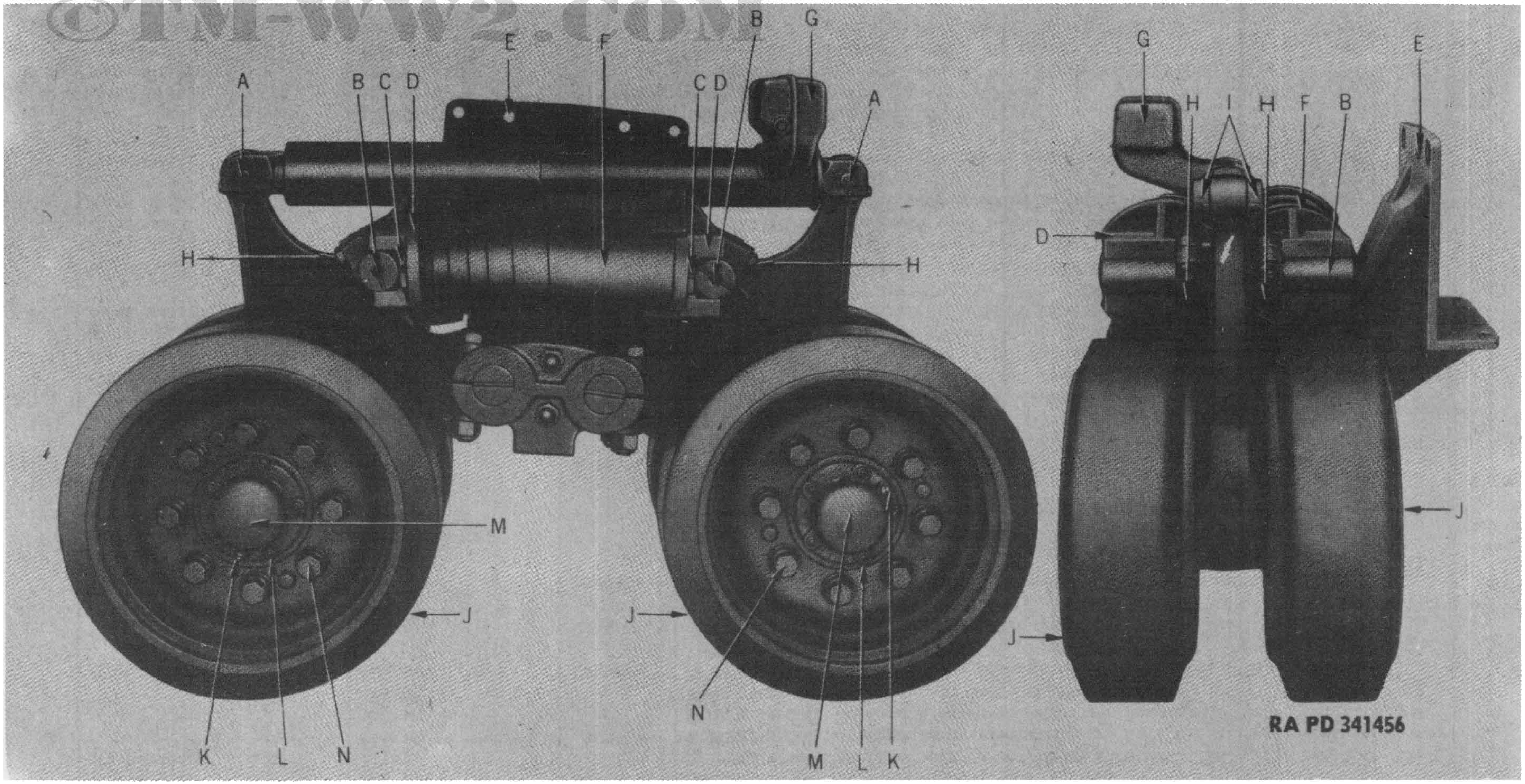
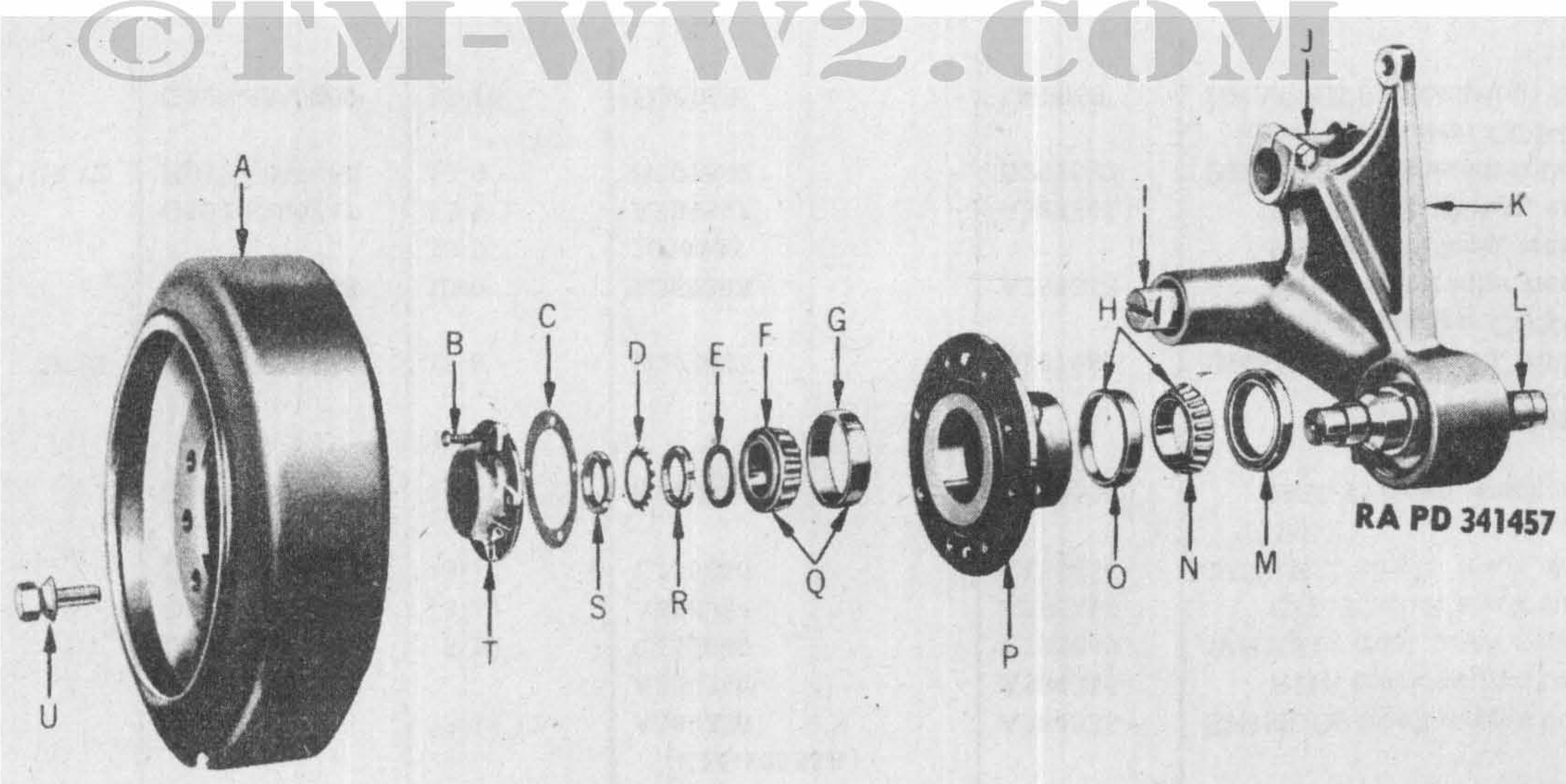



**FIGURE 13-7 — HORIZONTAL VOLUTE SPRING ASSEMBLY, 7067331 — FRONT AND SIDE VIEWS**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PIN | A384322 | 1604 |
| B | PIN | A384315 | 1301 |
| C | PLATE | A384317 | 1301 |
| D | SEAT | B297673 | 1301 |
| E | BRACKET | D80065 | 1301 |
| F | SPRING | C101531 | 1301 |
| G | ABSORBER | D80067 | 1604 |
| H | BOLT | 214412 | 1301 |
| I | BOLT | 214410 | 1604 |
| J | WHEEL, ass'y | C135843 | 1301 |
| K | FITTING | 504208 | 1301 |
| L | BOLT | 223598 | 1301 |
| M | CAP | 7055730 | 1301 |
| N | SCREW | A384323 | 1301 |

RA PD 341456A

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| H-1 | H001-0725730 | | A215354 | A215354 | NUT, safety, S., 1-14NF-3 (BBWX1LA) | 24 | |
| | G104-5384317 | 13-7 | A384317 | A384317 | PLATE, volute spring suspension spring seat | 24 | |
| | G104-5384331 | 13-8 | 7055716 (CM-12555A) | | SEAL, volute spring suspension road wheel bearing | 24 | |
| | G104-6297673 | 13-7 | B297673 | B297673 | SEAT, volute spring suspension spring, w/PIN, assembly | 12 | |
| H-1 | H101-0214412 | 13-7,8 | 214412 | | BOLT, self-locking, hex-hd., S., ¾-16NF-3 x 3¼ (BARX1.1BL) | 24 | |
| | G104-5384315 | 13-7 | A384315 | A384315 | PIN, volute spring suspension spring seat | 12 | |
| | G104-5635847 | 13-8 | C135847 | C135847 | SHAFT, volute spring suspension road wheel | 12 | |
| | G104-5601531 | 13-7 | C101531 | C101531 | SPRING, volute spring suspension | 12 | |
| | G104-6297674 | | B297674 | B297674 | SUPPORT, volute spring suspension arm | 6 | |
| H-1 | H101-0214409 | | 214409 | | BOLT, self-locking, hex-hd., S., 1-14NF-3 x 3 (BARX1.1DK) | 12 | |
| | | | 7067331 | | SUSPENSION, horizontal, center, assembly | 2 | |
| | | | 7067329 | | SUSPENSION, horizontal, left front and right rear, assembly | 2 | |
| | | | 7067330 | | SUSPENSION, horizontal, right front and left rear, assembly | 2 | |
| | G104-5635844 | | C135844 | C135844 | WHEEL, road, volute spring suspension, assembly (Includes: DISC, RIM and TIRE) | 24 | |
| | | 13-7,8 | C135843 | C135843 | WHEEL, road, volute spring suspension, assembly (Includes: DISC, HUB, RIM, SCREW and TIRE) | 24 | |
| | G104-5384323 | 13-7,8 | A384323 | A384323 | SCREW, mounting, volute spring suspension road wheel, assembly (Includes: FLANGE and RING) | 192 | |
| | | | | | **1302—HORIZONTAL SUSPENSION TRACK SUPPORT ROLLER** | | |
| H-12 | H012-6027780 | 13-12 | A384337 | A384337 | BEARING, roller (2.3622 I.D., 4.4375 O.D., 1.1875 width) (dual track support roller, inner) (Includes: CONE H012-6227740 and CUP H012-6211600) | 4 | |
| H-12 | H012-6027220 | 13-12 | A384338 | A384338 | BEARING, roller (1.8125 I.D., 3.6718 O.D., 1.1875 width) (dual track support roller, outer) (Includes: CONE H012-6105860 and CUP H012-6211140) | 4 | |
| | G104-5384341 | 13-12 | A384341 | A384341 | NUT, dual track support roller outer bearing adjusting | 4 | |
| | G104-5384340 | 13-12 | A384340 | A384340 | WASHER, lock, dual track support roller outer bearing | 4 | |
| | G104-5384339 | 13-12 | A384339 | A384339 | WASHER, thrust, dual track support roller outer bearing | 4 | |
| H-12 | H012-6027780 | 13-11 | A384337 | A384337 | BEARING, roller (2.3622 I.D., 4.4375 O.D., 1.1875 width) (single track support roller) (Includes: CONE H012-6227740 and CUP H012-6211600) | 12 | |
| | M005-0101483 | 13-11 | 711019 | | NUT, lock, ball bearing, 2.3622 bore (BBRX1AP) | 6 | |
| | G104-5384344 | 13-11 | A384344 | A384344 | WASHER, lock, single track support roller bearing | 6 | |
| | G104-5384343 | 13-11 | A384343 | A384343 | WASHER, thrust, single track support roller bearing | 6 | |
| | G104-5635852 | 13-12 | C135852 | C135852 | BRACKET, dual track support roller, assembly (Includes: COLLAR, PIN, SHAFT and SHIELD) | 4 | |
| | G104-6297677 | | B297677 | B297677 | BRACKET, single track support roller, assembly (Includes: COLLAR, PIN and SHIELD) | 6 | |
| | | 13-11 | C135859 | C135859 | BRACKET, track support roller | 4 | |
| | G104-6297675 | 13-12 | B297675 | B297675 | CAP, grease, dual track support roller hub | 4 | |
| H-1 | H001-0116219 | 13-12 | 223598 | | BOLT, hex-hd., s-fin., alloy-S., ⅜-24NF-2 x 1 (BAOX1CC) | 20 | |
| | G104-6297676 | 13-11 | B297676 | B297676 | CAP, grease, single track support roller hub | 6 | |
| H-1 | H001-1023151 | 13-11 | 113914 | | SCREW, mach., fl-hd., S., $\frac{5}{16}$-18NC-2 x 1 (BCKX2DK) | 18 | |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | WHEEL, ass'y | C135843 | 1301 |
| B | BOLT | 223598 | 1301 |
| C | GASKET | A384334 | 1301 |
| D | WASHER | 7056102 | 1301 |
| E | WASHER | A384332 | 1301 |
| F | CONE | A384328B | 1301 |
| G | CUP | A384328A | 1301 |
| H | BEARING, ass'y | A384329 | 1301 |
| I | PIN | A384315 | 1301 |
| J | BOLT | 214412 | 1301 |
| K | ARM, ass'y | C135841A | 1301 |
| L | SHAFT | C135847 | 1301 |
| M | SEAL | 7055716 | 1301 |
| N | CONE | A384329B | 1301 |
| O | CUP | A384329A | 1301 |
| P | HUB | C135845 | 1301 |
| Q | BEARING | A384328 | 1301 |
| R | NUT | A384333 | 1301 |
| S | NUT | 7055729 | 1301 |
| T | CAP | 7055730 | 1301 |
| U | SCREW | A384323 | 1301 |

RA PD 341457A

**FIGURE 13-8 — HORIZONTAL SUSPENSION ARM ASSEMBLY w/RELATED PARTS**

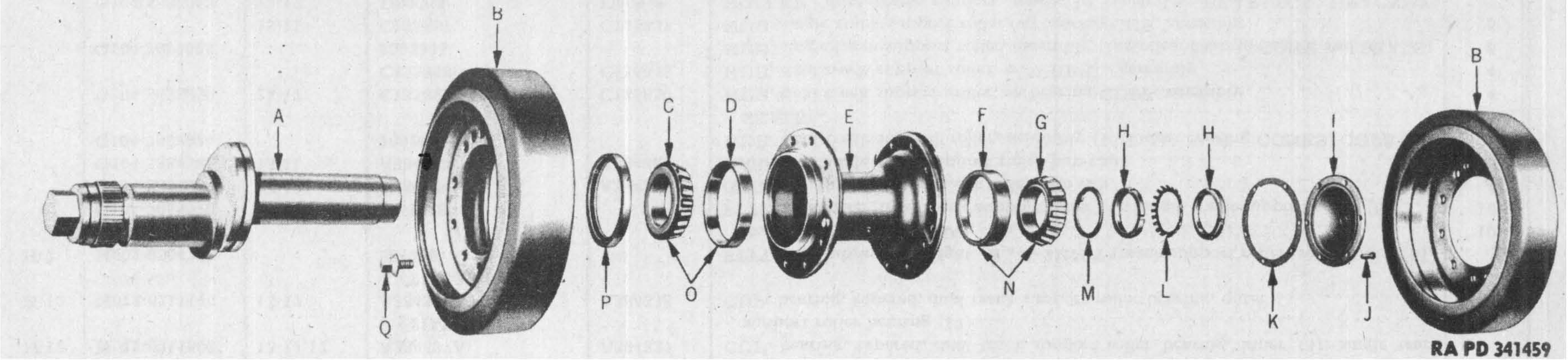



**FIGURE 13-9 — WIDE TRACK REAR IDLER ASSEMBLY, C135860**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SHAFT | B297684 | 1303 |
| B | WHEEL, ass'y | C135861 | 1303 |
| C | CONE | B297682B | 1303 |
| D | CUP | B297682A | 1303 |
| E | HUB | C135862 | 1303 |
| F | CUP | B297683A | 1303 |
| G | CONE | B297683B | 1303 |
| H | NUT | A384348 | 1303 |
| I | CAP | B297680 | 1303 |
| J | SCREW | 192360 | 1303 |
| K | GASKET | B297681 | 1303 |
| L | WASHER | 7056103 | 1303 |
| M | WASHER | A384347 | 1303 |
| N | BEARING | B297683 | 1303 |
| O | BEARING | B297682 | 1303 |
| P | SEAL | 7055717 | 1303 |
| Q | SCREW | A384323 | 1303 |

RA PD 341459A

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-5384336 | 13-11,12 | A384336 | A384336 | COLLAR, track support roller bracket, single track (6), dual track (4) | 10 | |
| H-12 | H012-6227740 | 13-11,12 | A384337B (TIM-3977) | A384337 | CONE, bearing, tapered, dual track support roller bearing, inner (4), single track support roller bearing (12) | 16 | |
| H-12 | H012-6105860 | 13-12 | A384338B (TIM-3777) | A384338 | CONE, bearing, tapered, dual track support roller bearing, outer | 4 | |
| H-12 | H012-6211600 | 13-11,12 | A384337A (TIM-3920) | A384337 | CUP, bearing, tapered, dual track support roller bearing, inner (4), single track support roller bearing (12) | 16 | |
| H-12 | H012-6211140 | 13-12 | A384338A (TIM-3720) | A384338 | CUP, bearing, tapered, dual track support roller bearing, outer | 4 | |
| H-2 | H002-0504208 | | 504208 | | FITTING, lubricating, stght., S., 1/8-27NPT (track support roller, single track (6), dual track (4) (CLDX6A) | 10 | |
| | G104-7055928 | | 7055928 | | FITTING, relief, dual track support roller (4), single track support roller (6) | 10 | |
| | G104-5384334 | 13-12 | A384334 | A384334 | GASKET, dual track support roller hub cap | 4 | |
| | G104-5384382 | 13-11 | A384382 | A384382 | GASKET, single track support roller hub cap | 6 | |
| | G104-7002024 | | 7002024 | | HUB, dual track support roller, assembly (Includes: bearing CONES, CUPS and SEALS) | 4 | |
| | G104-5635850 | 13-12 | C135850 | C135850 | HUB, dual track support roller, w/bearing CUPS, assembly | 4 | |
| | | | C135848 | C135848 | HUB, dual track support roller, w/WHEEL, assembly | 4 | |
| | G104-7002025 | | 7002025 | | HUB, single track support roller, assembly (Includes: bearing CONE and SEALS) | 6 | |
| | | 13-11 | C135857 | C135857 | HUB, single track support roller, w/bearing CUP, assembly | 6 | |
| | G104-6580068 | 13-12 | D80068 | D80068 | ROLLER, dual track support, assembly (Includes: BEARINGS, BRACKET assembly, HUB and WHEEL assembly) | 4 | |
| | | 13-11 | C135855 | C135855 | ROLLER, single track support, assembly (Includes: BEARINGS, BRACKET assembly, CAPS, HUB assembly and WHEEL assembly) (10 in. diam.) | 6 | |
| | G104-5384331 | 13-11,12 | 7055716 (CM-12555A) | | SEAL, track support roller bearing, single track (6), dual track (4) | 10 | |
| | G104-5384335 | 13-11,12 | A384335 | A384335 | SHIELD, track support roller bracket hub, single track (6), dual track (4) | 10 | |
| | G104-5384316 | | A384316 | A384316 | PIN, track support roller bracket shield, single track (6), dual track (4) | 10 | |
| | G104-5635849 | 13-12 | C135849 | C135849 | WHEEL, dual track support roller, assembly (Includes: DISC, RIM and TIRE) | 8 | |
| | G104-5380854 | 13-12 | A380854 | A380854 | BOLT, dual track support roller wheel | 96 | |
| | G104-5635856 | 13-11 | C135856 | C135856 | WHEEL, single track support roller, assembly (Includes: FLANGE, RIM and TIRE) | 6 | |
| | G104-1524212 | 13-11 | A246629 | A246629 | BOLT, single track support roller wheel (hex-hd., S., 1/2-13NC-3 x 1 1/2) | 36 | |
| | | | | | **1303—WIDE TRACK REAR IDLER** | | |
| H-12 | H012-6017650 | 13-9 | B297683 | B297683 | BEARING, tapered, roller (4.000 bore, 7.125 O.D., 1.8750 width) (track idler, outer) (Includes: CONE H012-6111820 and CUP H012-6205430) | 2 | |
| | G104-5384348 | 13-9 | A384348 | A384348 | NUT, track idler bearing | 4 | |
| | | 13-9 | 7056103 | | WASHER, lock, track idler outer bearing | 2 | |
| | G104-5384347 | 13-9 | A384347 | A384347 | WASHER, thrust, track idler bearing | 2 | |
| H-12 | H012-6047460 | 13-9 | B297682 | B297682 | BEARING, tapered, roller (4.375 bore, 7.500 O.D., 1.8750 width) (track rear idler, inner) (Includes: CONE H012-6188880 and CUP H012-6235300) | 2 | |
| | G104-6580069 | 13-10 | D80069 | D80069 | BRACKET, mounting, track idler | 2 | |

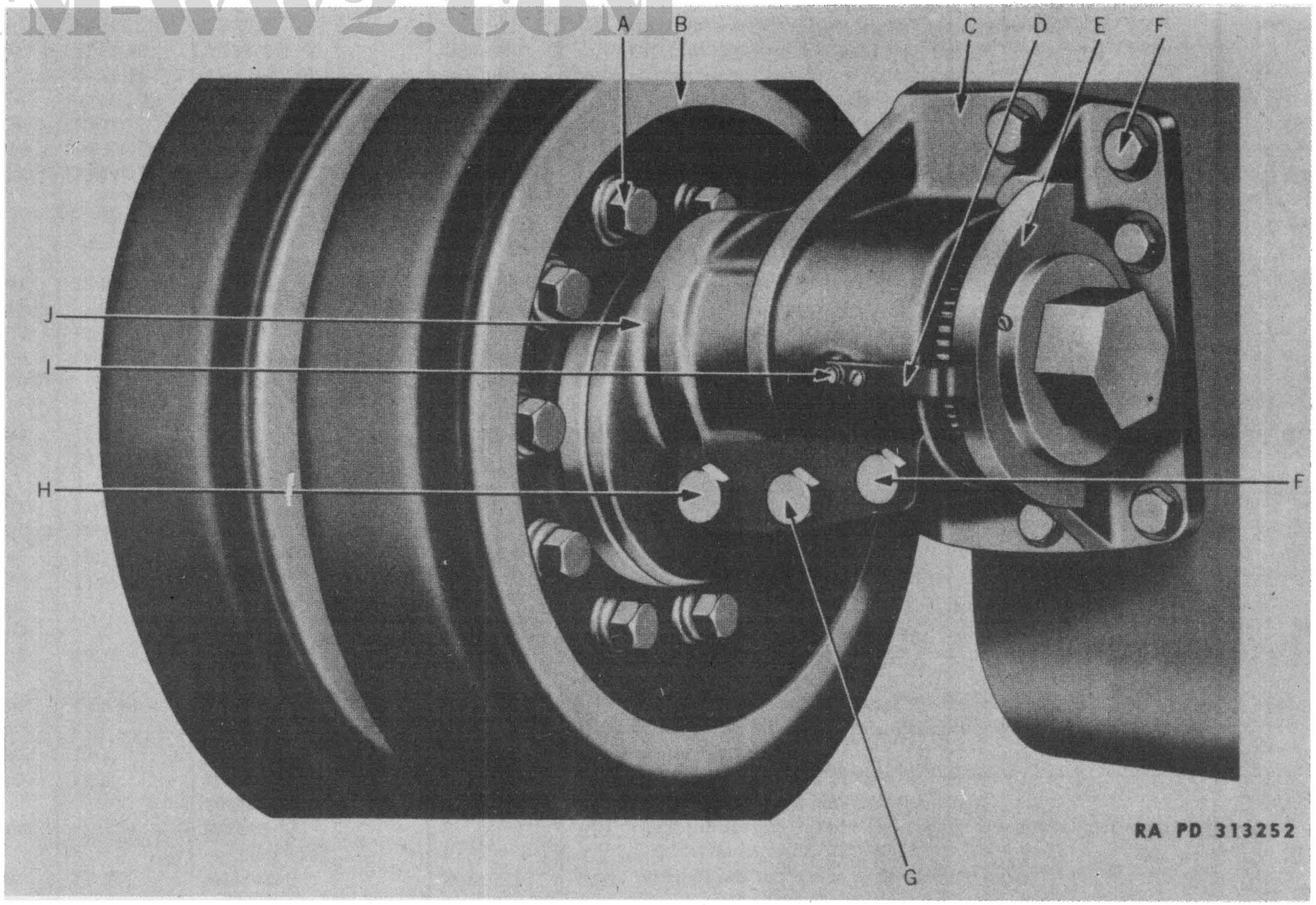
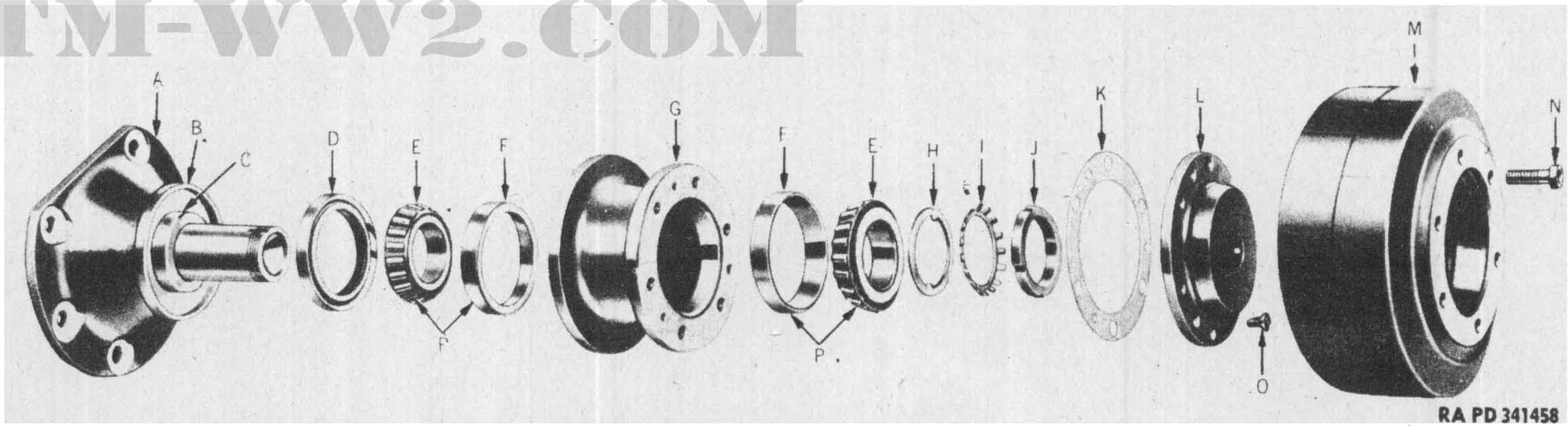



**FIGURE 13-10 — WIDE TRACK REAR IDLER ASSEMBLY, C135860**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SCREW | A384323 | 1303 |
| B | WHEEL, ass'y | C135861 | 1303 |
| C | BRACKET | D80069 | 1303 |
| D | SPRING | A161788 | 1303 |
| E | LOCK | B297678 | 1303 |
| F | SCREW | A384346 | 1303 |
| G | SCREW | 7055631 | 1303 |
| H | SCREW | 7055630 | 1303 |
| I | SCREW | 149495 | 1303 |
| J | SHAFT, ass'y | B297684 | 1303 |

RA PD 313252A

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-6297680 | 13-9 | B297680 | B297680 | CAP, track idler hub | 2 | |
| H-1 | H101-0192360 | 13-9 | 192360 | | SCREW, hex-hd., self-locking, S., ½-20NF-3 x 1¼ (BARX1ED) | 12 | |
| | | | B297685 | B297685 | COLLAR, track idler shaft | 2 | |
| H-12 | H012-6188880 | 13-9 | B297682B (TIM-71437) | B297682 | CONE, bearing, tapered, track idler bearing, inner | 2 | |
| H-12 | H012-6111820 | 13-9 | B297683B (TIM-780) | B297683 | CONE, bearing, tapered, track idler bearing, outer | 2 | |
| H-12 | H012-6235300 | 13-9 | B297682A (TIM-71750) | B297682 | CUP, bearing, tapered, track idler bearing, inner | 2 | |
| H-12 | H012-6205430 | 13-9 | B297683A (TIM-772) | B297683 | CUP, bearing, tapered, track idler bearing, outer | 2 | |
| H-2 | H002-0504208 | | 504208 | | FITTING, lubricating, stght., ⅛-27NPT (track rear idler wheel) (CLDX6A) | 2 | |
| | | | 7055928 | | FITTING, relief, idler wheel | 2 | |
| | G104-6297681 | 13-9 | B297681 | B297681 | GASKET, track idler hub cap | 2 | |
| | G104-5635862 | 13-9 | C135862 | C135862 | HUB, track idler | 2 | |
| | G104-7002023 | | 7002023 | | HUB, track idler, assembly (Includes: bearing CONES and SEAL) | 2 | |
| | G104-5635860 | 13-9,10 | C135860 | C135860 | IDLER, track, complete assembly (Includes: HUB assembly, SHAFT assembly and WHEEL assembly) | 2 | |
| | G104-6297678 | 13-10 | B297678 | B297678 | LOCK, track idler shaft | 2 | |
| | G163-0139701 | | A348327 | A348327 | PILOT, track idler hub to idler wheel | 8 | |
| H-1 | H001-0811109 | | 217968 | | PIN, cotter, split, S., ¼ x 5 lgh. (BFAX2CQ) | 2 | |
| | G104-7055630 | 13-10 | 7055630 | | SCREW, clamp, track idler shaft | 2 | |
| | G104-5384346 | 13-10 | A384346 | A384346 | SCREW, clamp, track idler shaft | 2 | |
| | G104-7055631 | 13-10 | 7055631 | | SCREW, spreader, track idler bracket | 2 | |
| | G104-5384323 | 13-9,10 | A384323 (MW-X21-46) | A384323 | SCREW, track idler wheel, assembly | 40 | |
| | G104-6297679 | 13-9 | 7055717 | | SEAL, dust, track idler bearing | 2 | |
| | G104-6297684 | 13-9,10 | B297684 | B297684 | SHAFT, track idler, assembly (Includes: COLLAR, PIN, SHAFT and SHIELD) | 2 | |
| | | | A384349 | A384349 | SHIELD, track idler shaft | 2 | |
| | G104-5384316 | | A384316 | A384316 | PIN, track idler shaft shield | 2 | |
| | G104-0306500 | 13-10 | A161788 | A161788 | SPRING, track idler shaft lock | 2 | |
| H-1 | H001-1030673 | 13-10 | 149495 | | SCREW, mach., rd-hd., S., ¼-28NF-2 x ½ (BCOX1.CF) | 4 | |
| H-1 | H001-1519009 | | 115547 | | WASHER, lock, internal teeth, reg., S., ¼ in. (BEAX1H) | 4 | |
| | G104-5635861 | 13-9,10 | C135861 | C135861 | WHEEL, track idler, assembly (Includes: FLANGE, RIM and TIRE) | 4 | |
| | | | | | **1304—WIDE TRACK DRIVE SPROCKETS** | | |
| | G104-5635867 | 10-11,18 | C135867 | C135867 | HUB, track drive sprocket, assembly (Includes: FLANGE, PLATE and TUBE) | 2 | |
| H-1 | H001-0725730 | 10-2,11,18 | 503366 | | NUT, safety, S., 1-14NF-3 (BBSX4AL) | 16 | |
| | G104-0400550 | 10-11 | A196382 | A196382 | PIN, dowel, sprocket hub to shaft | 16 | |
| | G104-0401970 | 10-2,11,13,18 | A196384 | A196384 | STUD, sprocket hub to shaft (S., 1-14NF-3 (1$^{11}/_{16}$) x 3⅝ x 1-14NF-5 (1) | 16 | |
| | G104-0401960 | 10-11,18 | D47366 | D47366 | SPROCKET, drive, track | 4 | |
| | G104-5384356 | 10-11,18 | A384356 | A384356 | BOLT, track drive sprocket (hex-hd., S., ⅝-11NC-3 x 2) | 52 | |
| H-1 | H001-0718007 | 10-18 | 220080 | | NUT, hex., s-fin., S., ⅝-11NC-2 (BBAX2B) | 52 | |

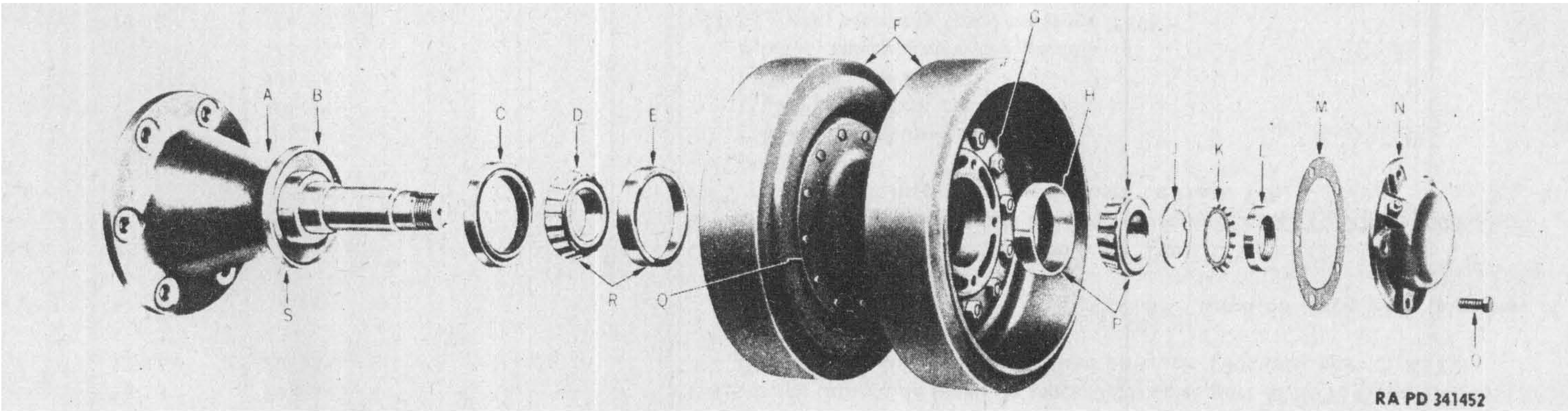



# FIGURE 13-11 — HORIZONTAL SUSPENSION SINGLE TRACK SUPPORT ROLLER, C135855

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BRACKET | C135859 | 1302 |
| B | SHIELD | A384335 | 1302 |
| C | COLLAR | A384336 | 1302 |
| D | SEAL | 7055716 | 1302 |
| E | CONE | A384337B | 1302 |
| F | CUP | A384337A | 1302 |
| G | HUB, ass'y | C135857 | 1302 |
| H | WASHER | A384343 | 1302 |
| I | WASHER | A384344 | 1302 |
| J | NUT | 711019 | 1302 |
| K | GASKET | A384382 | 1302 |
| L | CAP | B297676 | 1302 |
| M | WHEEL, ass'y | C135856 | 1302 |
| N | BOLT | A246629 | 1302 |
| O | SCREW | 113914 | 1302 |
| P | BEARING, ass'y | A384337 | 1302 |

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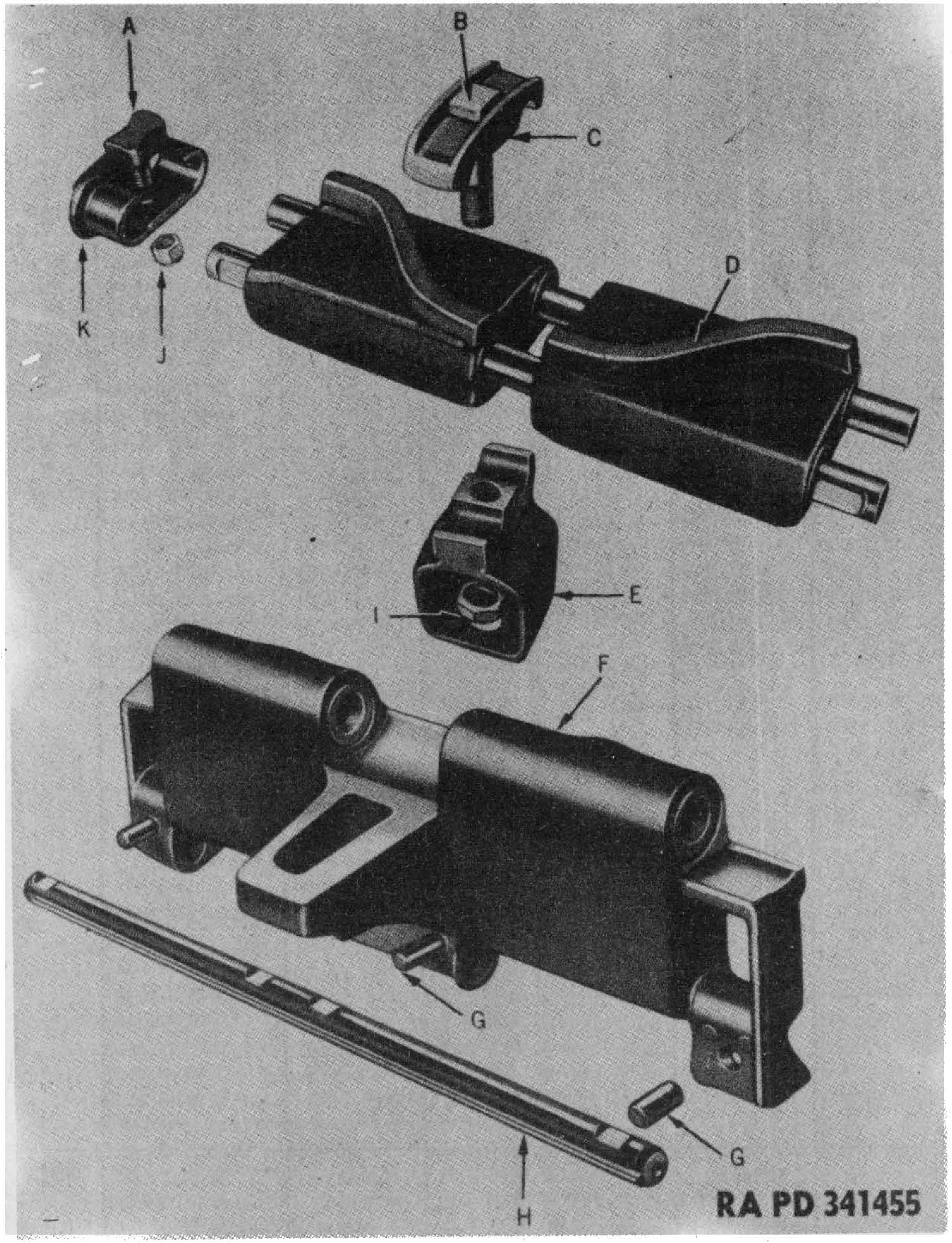



# FIGURE 13-12 — HORIZONTAL SUSPENSION DUAL TRACK SUPPORT ROLLER, D80068

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BRACKET, ass'y | C135852 | 1302 |
| B | COLLAR | A384336 | 1302 |
| C | SEAL | 7055716 | 1302 |
| D | CONE | A384337B | 1302 |
| E | CUP | A384337A | 1302 |
| F | WHEEL, ass'y | C135849 | 1302 |
| G | BOLT | A380854 | 1302 |
| H | CUP | A384338A | 1302 |
| I | CONE | A384338B | 1302 |
| J | WASHER | A384339 | 1302 |
| K | WASHER | A384340 | 1302 |
| L | NUT | A384341 | 1302 |
| M | GASKET | A384334 | 1302 |
| N | CAP | B297675 | 1302 |
| O | BOLT | 223598 | 1302 |
| P | BEARING, ass'y | A384338 | 1302 |
| Q | HUB | C135850 | 1302 |
| R | BEARING, ass'y | A384337 | 1302 |
| S | SHIELD | A384335 | 1302 |

RA PD 341452A

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| H-1 | H001-1520005 | 10-11 | 118975 | | WASHER, lock, internal teeth, hv., S., ½ (BEAX3E) | 52 | |
| | G104-6580074 | | D80074 | D80074 | SPROCKET, drive, track, assembly (Includes: DRUM and HUB) | 2 | |
| | | | | | **1305—WIDE TRACKS, T-66—T-80, AND CONNECTIONS** | | |
| | | 13-13 | 7069545 | | CAP, track link guide (used on track T80) (also part of KIT, G206-5700065) | 158 | |
| | | 13-13 | 7069543 | | BOLT, track link guide cap (used on track T80) (also part of KIT, G206-5700065) | 158 | |
| H-1 | H001-0725720 | 13-13 | 503362 | | NUT, safety, S., ⅞-14NF-3 (BBSX4AK) (used on track T80) (also part of KIT, G206-5700065) | 158 | |
| | G184-5639817 | 13-13 | C139817 | C139817 | CONNECTOR, track link (used on track T80) | 316 | |
| | | 13-13 | 7069549 | | GUIDE, track link (used on track T80) (also part of KIT, G206-5700065) | 158 | |
| | G206-5700065 | | 5700065 | | KIT, repair, track link center guide (used on track T80) | 1 | |
| | | | | | (Consists of: | | |
| | | | 7069543 | | 1 BOLT, track link guide cap | | |
| | | | 7069545 | | 1 CAP, track link guide | | |
| | | | 7069549 | | 1 GUIDE, track link | | |
| | | | 503362 | | 1 NUT, safety, track link guide.) | | |
| | | 13-13 | 7069556 | | LINK, track, assembly (used on track T80) | 158 | |
| H-1 | H001-0725700 | 13-13 | 503330 | | NUT, safety, S., ⅝-18NF-3 (track link connector wedge) (BBSX4AG) (used on track T80) | 316 | |
| | G104-5384354 | 13-13 | A384354 | A384354 | PIN, lock, track shoe bushing pin (used on track T66) | 632 | |
| | G104-6297691 | 13-13 | B297691 | B297691 | PIN, track shoe bushing (used on track T66) | 158 | |
| | G104-5635866 | 13-13 | C135866 | C135866 | SHOE, track, assembly (Includes: BUSHING assembly) (used on track T66) | 158 | |
| | G206-7069575 | | 7069575 | 7069557 | TRACK, assembly (T80) (Includes: 8 complete LINK assemblies, BOLT, CAP, CONNECTOR, GUIDE, LINK, NUT and WEDGE) | as req. | |
| | | | 7069761 | D80072 | TRACK, assembly (T66) (Includes: 8 complete SHOE assemblies, and PINS) | as req. | |
| | G104-0307761 | 13-13 | A176090 | A176090 | WEDGE, track link connector (used on track T80) | 316 | |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | WEDGE | A176090 | 1305 |
| B | BOLT | 7069543 | 1305 |
| C | CAP | 7069545 | 1305 |
| D | LINK | 7069556 | 1305 |
| E | GUIDE | 7069549 | 1305 |
| F | SHOE, ass'y | C135866 | 1305 |
| G | PIN | A384354 | 1305 |
| H | PIN | B297691 | 1305 |
| I | NUT | 503362 | 1305 |
| J | NUT | 503330 | 1305 |
| K | CONNECTOR | C139817 | 1305 |

RA D 341455A

**FIGURE 13-13 — WIDE TRACKS**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | **1401—STEERING CONTROLS** | | |
| | | | A381359 | A381359 | ARM, steering brake lock mechanism | 2 | |
| | G104-0400135 | 10-20 | A227872 | A227872 | BUSHING, steering brake cross shaft (bz., 2.002 I.D. x 2.251 O.D. x 2.1875) | 2 | |
| | G104-0300162 | | A226512 | A226512 | BUSHING, steering brake hand lever (bz.) | 2 | |
| H-1 | H001-0116219 | | 223598 B19450CC | B19450 | BOLT, hex-hd., s-fin., alloy-S., 3/8-16NC-2 x 1 (subfloor support bracket to hull floor) (BAOX1CC) | 8 | |
| | G104-5381367 | | A381367 | A381367 | BOSS, steering brake hand lever lock support | 2 | |
| | G104-0400391 | 10-1,17,20 | B201056 | B201056 | CAP, steering brake cross shaft bearing, left | 1 | |
| | G104-0400392 | 10-1,20 | B201057-3 | B201057 | CAP, steering brake cross shaft bearing, right | 1 | |
| H-1 | H001-0116027 | 10-17,20 | 227517 | | BOLT, hex-hd., s-fin., alloy-S., 3/8-16NC-2 x 1 1/4 (BANX1CD) | 8 | |
| H-1 | H001-1518009 | 10-20 | 103321 | | WASHER, lock, reg., S., 3/8 (BECX1K) | 8 | |
| H-1 | H001-0504208 | 10-20 | 504208 | | FITTING, lubricating, b-hd. type, 1/8-27NPT (steering brake cross shaft) (CLDX5A) | 2 | |
| | G103-0401460 | 14-1,3 | B141536 | B141536 | GRIP, steering brake hand lever | 2 | |
| | G104-5601166 | 10-7,17,14-1,3 | C101166 | C101166 | LEVER, hand, steering brake, left | 1 | |
| | G104-5601165 | 14-1 | C101165 | C101165 | LEVER, hand, steering brake, right | 1 | |
| | G104-1674211 | 10-1,17,20 | B206316 | B206316 | LEVER, steering brake cross shaft, left | 1 | |
| | G104-2274319 | 10-1,20 | A278652 | A278652 | LEVER, steering brake cross shaft, right | 1 | |
| | G104-2274316 | 10-1,7,20 | B206308 | B206308 | LEVER, steering brake operating shaft, left | 1 | |
| | G104-2274295 | 10-1,20 | A278651 | A278651 | LEVER, steering brake operating shaft, right | 1 | |
| | G104-0305763 | 10-17,20 | A226616 | A226616 | SCREW, steering brake operating shaft lever (hex-hd., S., 1/2-20NF-2 x 2 1/2) | 2 | |
| H-1 | H001-1519013 | 10-20 | 115551 | | WASHER, lock, internal teeth, reg., S., 1/2 in. (BEAX2B) | 2 | |
| | G104-5381358 | | A381358 | A381358 | LINK, steering brake hand lever lock spring | 2 | |
| H-1 | H001-0716027 | | 219752 | | NUT, jam, hex., s-fin., S., 5/8-18NF-2 (steering brake control rod) (BBDX2B) | 2 | |
| | G104-5600945 | | C100945 | C100945 | PAWL, steering brake hand lever lock | 2 | |
| H-1 | H001-0811052 | 10-20 | 103385 | | PIN, cotter, split, S., 1/8 x 1 (operating shaft lever to connecting rod (2) and steering brake connecting rod to operating shaft lever pin (6) (BFAX1DG) | 8 | |
| | G104-0400551 | 10-20 | A227870 | A227870 | PIN, dowel, steering brake cross shaft bearing cap | 2 | |
| | G104-1738527 | | A278626 | A278626 | PIN, lock, steering brake operating shaft to lever link (S., groove, tapered, 1 1/8 lgh.) | 4 | |
| H-1 | H001-0823007 | 10-17,20 | 114788 | | PIN, rod end, S., 5/8 in. diam. (steering brake operating shaft lever connecting rod) (BFFX1G) | 2 | |
| | G104-5381362 | | A381362 | A381362 | PIN, steering brake hand lever lock link | 2 | |
| | G104-0401229 | 10-17 | A246039 | A246039 | PIN, steering brake operating shaft | 2 | |
| | G104-1738526 | | A278617 | A278617 | PIN, steering brake operating shaft to lever link (S., .620 O.D., 1 3/8 lgh.) | 4 | |
| | G104-6209949 | | B209949 | B209949 | QUADRANT, lock, steering hand brake lever | 2 | |
| | G104-1773256 | 10-1,20 | A228011 | A228011 | ROD, connecting, steering brake operating shaft lever | 1 | |
| | G104-2373282 | | B206310 | B206310 | ROD, control, steering brake, left | 1 | |
| | G104-1773298 | 10-17 | B206309 | B206309 | ROD, control, steering brake, left, assembly (Includes: NUT and YOKE) | 1 | |
| | G104-2373283 | | B206307 | B206307 | ROD, control, steering brake, right | 1 | |
| | G104-2373299 | 10-17 | B206306 | B206306 | ROD, control, steering brake, right, assembly (Includes: NUT and YOKE) | 1 | |
| | G104-0305763 | 10-17 | A226616 | A226616 | SCREW, cap, steering brake cross shaft left and right lever (2), operating left lever (1), operating right lever (1) | 4 | |

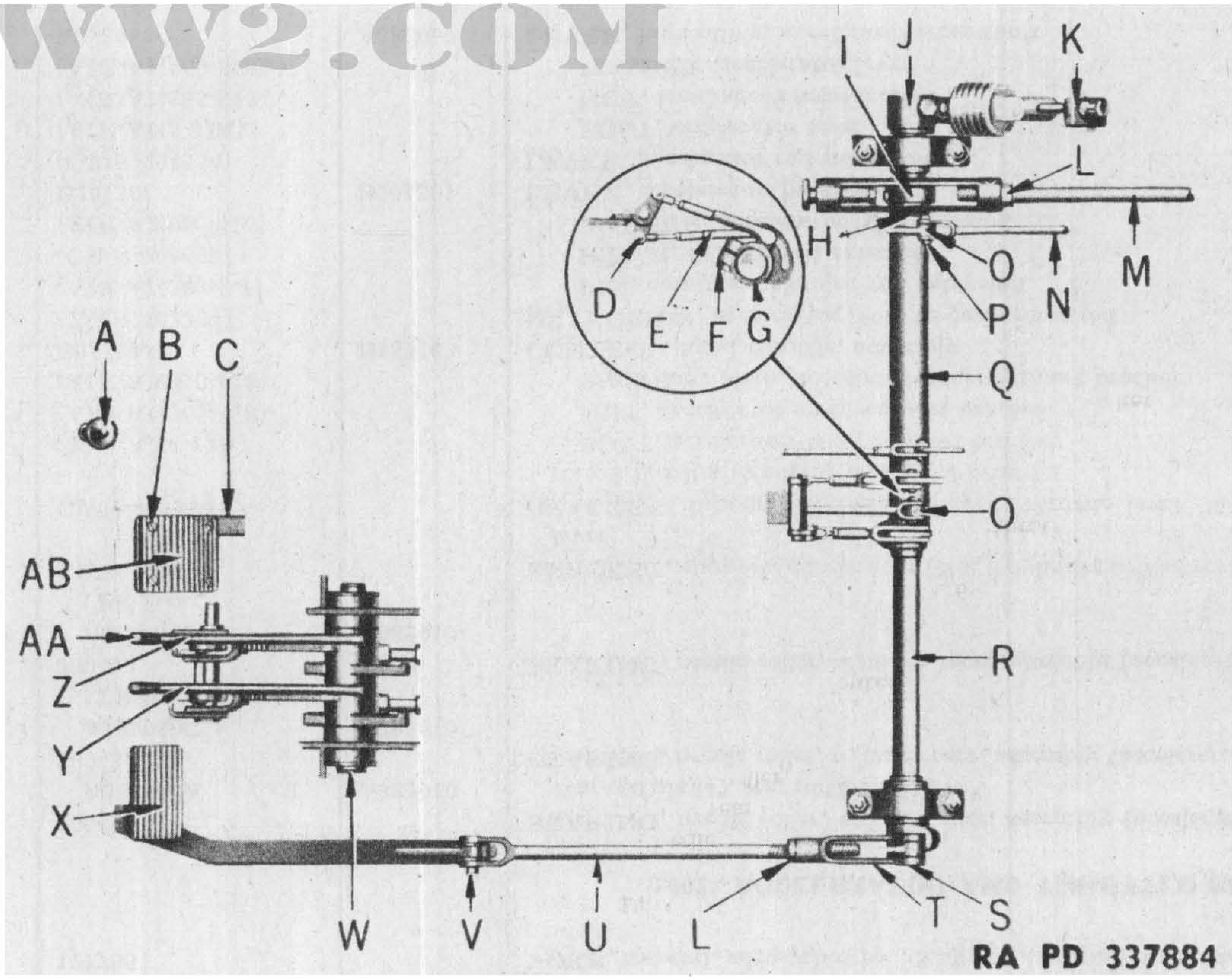


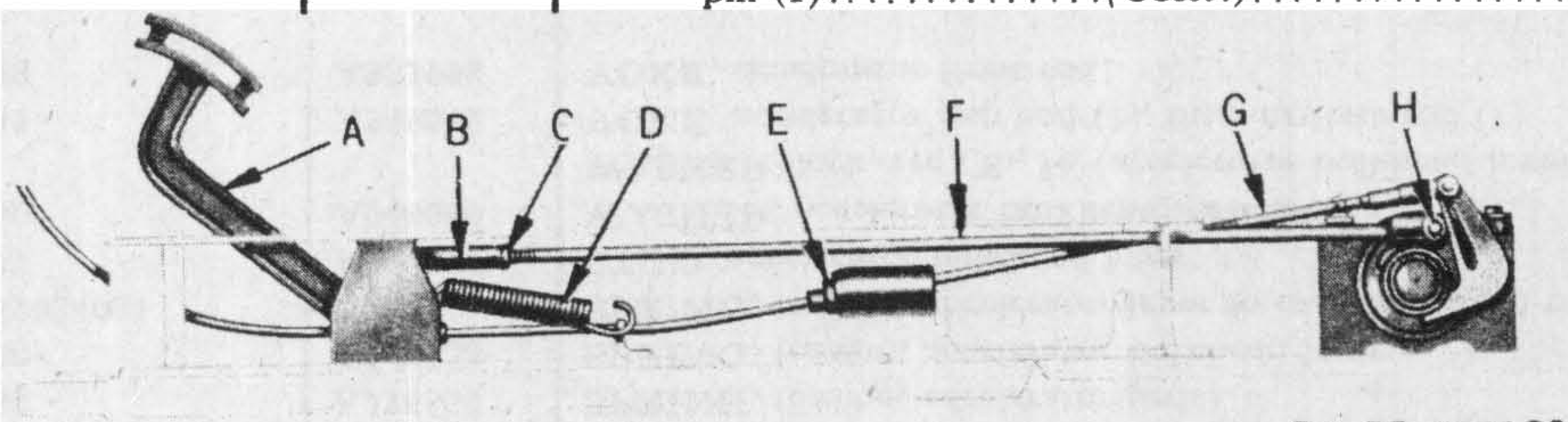

**FIGURE 14-1 — ACCELERATOR AND CLUTCH CONTROLS**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | CONTROL | B253183F | 1402 |
| B | SCREW | 188741 | 1402 |
| C | PEDAL | C101115 | 1402 |
| D | PIN | A345641 | 1402 |
| E | ROD, ass'y | A383969 | 1402 |
| F | BOLT | 227650 | 1402 |
| G | LEVER | A383957 | 1402 |
| H | BEARING | A383910C | 1403 |
| I | BEARING | A245044A | 1403 |
| J | LEVER | A210277 | 1403 |
| K | BODY | B210280 | 1403 |
| L | NUT | 219752 | 1403 |
| M | ROD, ass'y | B210170 | 1403 |
| N | ROD, ass'y | B210251 | 1402 |
| O | BEARING | A383910A | 1402 |
| P | PIN | A383909 | 1402 |
| Q | SLEEVE | 6101120A | 1402 |
| R | SHAFT | C101068A | 1403 |
| S | PIN | A245067 | 1403 |
| T | CLEVIS | A245075 | 1403 |
| U | ROD, ass'y | B209799 | 1403 |
| V | PIN | A245067 | 1403 |
| W | SHAFT | A226519 | 1401 |
| X | PEDAL | D78365 | 1403 |
| Y | LEVER | C101166 | 1401 |
| Z | LEVER | C101165 | 1401 |
| AA | GRIP | B141536 | 1401 |
| AB | PAD | A345649 | 1402 |

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| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| H-1 | H001-1023713 | | 191579 | | SCREW, mach., fl-hd., S., ¼-28NF-2 x ½ (control floor plate to subfloor) (BCLX1.1CF) | 12 | |
| H-1 | H001-1030681 | | 216319 | | SCREW, mach., fl-hd., S., ¼-28NF-2 x 1¼ (subfloor plates to subfloor) (BCLX1.1CP) | 11 | |
| | G104-0306044- | 10-1,20 | C96613 | C96613 | SHAFT, cross, steering brake | 1 | |
| | G104-0401722 | 10-1 | C99336A | C99336 | SHAFT, operating, steering brake, left | 1 | |
| | G104-0401721 | | C99336B | C99336 | SHAFT, operating, steering brake, right | 1 | |
| | G104-0306042 | 10-17,14-1 | A266519 | A266519 | SHAFT, steering brake hand lever (1.249 O.D. x 8 in. lgh.) | 1 | |
| H-1 | H001-0811055 | | 103388 | | PIN, cotter, split, S., ⅛ x 1¾ (BFAX1DL) | 2 | |
| | G104-0306431 | | A226520 | A226520 | SPACER, steering brake hand lever | 3 | |
| | G104-5381365 | | A381365 | A381365 | SPRING, steering brake lock extension | 2 | |
| H-1 | H001-1520009 | | 180638 | | WASHER, lock, internal teeth, hv., S., ⅞ in. (subfloor support bracket to hull floor) (BEAX3K) | 8 | |
| | G104-5381366 | | A381366 | A381366 | WASHER, steering brake hand lever link pin | 4 | |
| H-1 | H001-1810080 | 10-17 | 127786 | | YOKE, rod end, adjustable, hv., S., ⅝ in. (steering brake control rod) (EEAX1H) | 4 | |
| | | | | | **1402—ACCELERATOR AND THROTTLE CONTROLS** | | |
| H-12 | H012-0709453 | 14-1 | 709453 A383910A | A383910 | BEARING, needle roller, w/outer race, assembly (accelerator center rod pin (2), rear rod pin (1), rear rod lever (1) | 4 | |
| H-12 | H012-0709434 | | 709434 A383910C (TR-B2016) | A383910 | BEARING, needle roller, w/outer race, assembly (accelerator cross sleeve) | 2 | |
| H-12 | H012-0709412 | | 709412 A383910B (TR-B88) | A383910 | BEARING, needle roller, w/outer race, assembly (accelerator pedal bolt) | 2 | |
| | | | CWR-203350 | | BRACKET, support, accelerator (No. 6 cylinder intake rocker box lug to throttle lever) | 1 | |
| | | | CWR-203350 | | BRACKET, support, accelerator lever (throttle lever, No. 5 cylinder exhaust rocker box lug to engine mounting beam) | 1 | |
| | | | (AIR-AN4-12A) | | BOLT, accelerator lever support bracket | 2 | |
| | | | (AIR-AN365-428) | | NUT, accelerator lever support bracket | 2 | |
| | G104-0103310 | | (AIR-AN960-416) | | WASHER, plain, accelerator lever support bracket | 2 | |
| | G104-2580050 | 14-1,3 | B253183F | B253183 | CONTROL, hand throttle, assembly | 1 | |
| | | | (CWR-203384) | | EXTENSION, accelerator lever to carburetor rod | 1 | |
| | G167-0338705 | | (AIR-AN380-2-2) | | PIN, cotter, accelerator rod extension | 1 | |
| | | | (CWR-203595) | | PIN, accelerator rod extension | 1 | |
| | G104-0103310 | | (AIR-AN960-416) | | WASHER, accelerator rod extension | 1 | |
| | | | B201301 | B201301 | LEVER, accelerator, bulkhead | 1 | |
| | | | (CWR-203356) | | LEVER, accelerator rod extension | 1 | |
| | | | (AIR-AN5-33A) | | BOLT, accelerator lever | 1 | |
| | G038-0138395 | | (AIR-AN365-524) | | NUT, lock, accelerator lever | 1 | |
| | G163-7008413 | | (AIR-AN960-516L) | | WASHER, accelerator lever | 2 | |
| | G104-5383957 | 14-1 | A383957 | A383957 | LEVER, high idling, accelerator cross shaft | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| H-1 | H001-0116054 | 14-1 | 227650 | | BOLT, hex-hd., s-fin., alloy-S., ½-13NC-2 x 1¼ (BANX1ED) | 1 |
| H-1 | H001-1519013 | | 115551 | | WASHER, lock, internal teeth, reg., S., ½ (BEAX2B) | 1 |
| | | | (CWR-203349) | | LINKAGE, accelerator, assembly | 1 |
| H-1 | H001-0716021 | | 219701 | | NUT, jam, hex., s-fin., S., ¼-28NF-2 (accelerator intermediate rod (1), rear rod (2) (BBDX1A) | 3 |
| H-1 | H001-0718004 | | 220067 | | NUT, reg., hex., s-fin., S., 7/16-14NC-2 (accelerator bulkhead lever stud) (BBAX1D) | 2 |
| H-1 | H001-0716027 | 14-2 | 219752 | | NUT, jam, hex., s-fin., S., 5/8-18NF-2 (hand throttle control cable) (BBDX2B) | 2 |
| H-1 | H001-0716023 | 14-2 | 219703 | | NUT, jam, hex., s-fin., S., 3/8-24NF-2 (accelerator front rod) (BBDX1C) | 1 |
| | G104-3068401 | | A245053C | A245053 | OIL SEAL, accelerator cross sleeve bearing | 2 |
| | | | D245053A | | OIL SEAL, accelerator pedal bearing | 2 |
| | G104-5383911 | | A383911A | A383911 | OIL SEAL, accelerator rear rod lever bearing (2), rear rod pin (2), front rod bearing (4) | 8 |
| | G104-5383911 | | A383911A | A383911 | OIL SEAL, accelerator rear rod pin bearing | 2 |
| | G130-0336700 | 14-1 | A345649 | A345649 | PAD, accelerator pedal | 1 |
| H-1 | H001-0725640 | | 503338 (BS-39009A) | | NUT, safety, S., ¼-28NF-3 (BBSX4AA) | 4 |
| H-1 | H001-1023720 | 14-1 | 188741 | | SCREW, mach., fil-hd., ¼-28NF-2 x 1¼ (BCLX1.1CN) | 4 |
| | | 14-1,2 | C101115 | C101115 | PEDAL, accelerator, assembly (Includes: NUT, ROD, SCREW and SPACER) | 1 |
| | G104-0300616 | | A226569 | A226569 | BOLT, accelerator pedal | 1 |
| | G104-5383909 | 14-1,2 | A383909 | A383909 | PIN, accelerator front rod (1), intermediate front rod (1) | 2 |
| | G104-2979800 | 14-1,3 | A345641 | A345641 | PIN, accelerator intermediate rod (1), rear rod (2), high idling rod (2) | 5 |
| H-1 | H001-0811024 | | 711221 | | PIN, cotter, split, S., 1/16 x 7/16 (accelerator front rod (1), intermediate rod (2), rear rod (2), high idling rod (2) (BFAX1BB) | 7 |
| | G170-0340580 | | A246559 | A246559 | PLUG, accelerator bulkhead lever stud | 2 |
| | G104-6210254 | 14-2 | B210254 | B210254 | ROD, accelerator, front, assembly (Includes: NUT and YOKE) | 1 |
| | G104-5383969 | 14-1 | A383969 | A383969 | ROD, accelerator high idling lever, assembly (Includes: CLEVIS, NUT and PIN) | 2 |
| | | 14-1,3 | B210251 | B210251 | ROD, accelerator, intermediate, assembly (Includes: NUT and YOKE) | 1 |
| | | | B210351 | B210351 | ROD, accelerator, rear | 1 |
| | | | B242409 (CWR-203366) | B242409 | ROD, accelerator lever to carburetor, assembly | 1 |
| | | | (CWR-203595) | | PIN, accelerator lever to carburetor rod | 1 |
| | G167-0338705 | | (AIR-AN380-2-2) | | PIN, cotter, accelerator lever to carburetor and arm (1), to engine accelerator pin (1) *(Cont.)* | 2 |




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## 14-2 — ACCELERATOR PEDAL AND RELATED PARTS

| Key | Item | Part Number | Group | Key | Item | Part Number | Group |
|---|---|---|---|---|---|---|---|
| A | PEDAL | C101115 | 1402 | E | NUT | 219752 | 1402 |
| B | YOKE | A383908 | 1402 | F | ROD | B210254 | 1402 |
| C | NUT | 219703 | 1402 | G | YOKE | A345642 | 1402 |
| D | SPRING | A226559 | 1402 | H | PIN | A383909 | 1402 |

RA PD 319631E

## GROUP 14 — CONTROLS

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| | G104-0103310 | | A165105 (AN960-416) | A165165 | WASHER, plain, accelerator lever to carburetor rod and arm (1), engine accelerator lever pin (1) | 2 | |
| | | 14-1 | C101120A | C101120 | SLEEVE, accelerator cross shaft, assembly | 1 | |
| | G104-0306461 | 14-2 | A226559 | A226559 | SPRING, tension, accelerator pedal | 1 | |
| | | | A244558 | A244558 | SPRING, tension, accelerator bulkhead lever | 1 | |
| | | | (CWR-203498) | | SPRING, tension, accelerator lever to carburetor rod to bracket | 1 | |
| | | | A246577 | A246577 | STUD, accelerator bulkhead lever | 2 | |
| | G170-0443046 | | A246560 | A246560 | WASHER, accelerator bulkhead lever stud | 2 | |
| H-1 | H001-1518010 | | 103322 | | WASHER, lock, reg., S., 7/16 (accelerator bulkhead lever stud) (BECX1L) | 2 | |
| | G104-3270060 | 14-2 | A345642 | A345642 | YOKE, accelerator rear rod (1), intermediate rod (1) | 2 | |
| | G104-5383908 | 14-2 | A383908 | A383908 | YOKE, accelerator front rod | 1 | |
| | | | | | **1403—CLUTCH CONTROLS** | | |
| | G104-5600852 | 14-3 | C100852 | C100852 | ADJUSTER, clutch rear rod, assembly | 1 | |
| H-12 | H012-0709435 | | 709435 A245044C (TR-B2016X) | A245044 | BEARING, needle roller, w/outer race, assembly (clutch pedal shaft) | 2 | |
| H-12 | H012-0709413 | 14-1 | 709413 A245044A (TR-B88X) | A245044 | BEARING, needle roller, w/outer race, assembly (clutch control cross shaft and rear rod adjuster (1) and clutch front rod at cross shaft (1) | 2 | |
| H-12 | H012-0709434 | 14-1 | 709434 A383910C (TR-B2016) | A383910 | BEARING, needle roller, w/outer race, assembly (clutch control cross shaft and sleeve) | 2 | |
| | G104-6210280 | 14-1 | B210280 | B210280 | BODY, support, clutch booster spring, assembly | 1 | |
| H-1 | H001-0126765 | | 426027 | | BOLT, oval-hd., alloy-S., 3/8-24NF-2 x 1½ (BAPX1BG) | 2 | |
| H-1 | H001-0725660 | 14-4 | 503350 | | NUT, safety, S., 3/8-24NF-3 (BBSX4AC) | 2 | |
| | G104-5381010 | | A381010 | A381010 | BOLT, adjusting, clutch booster spring support body | 1 | |
| | | 14-4 | A383636 | A383636 | BOLT, clutch release bracket equalizer ring | 1 | |
| | | 14-3 | D78421 | D78421 | BRACKET, clutch release, assembly | 1 | |
| | | | A383633 | A383633 | BUSHING, clutch release bracket equalizer ring | 2 | |
| | G104-5383571 | | A383571 | A383571 | BUSHING, clutch release bracket shoe | 2 | |
| | | | A383638 | A383638 | BUSHING, clutch rear rod | 1 | |
| | G104-1538024 | 14-1,3 | A245075 | A245075 | CLEVIS, clutch front rod, assembly | 1 | |
| H-1 | H001-0518020 | | 120051 | | KEY, Woodruff, 5/32 x 7/8 (clutch control booster lever) (BGAX10B) | 1 | |
| | G104-6210277 | 14-1 | B210277 | B210277 | LEVER, clutch booster spring | 1 | |
| | | 14-3 | A383965 | A383965 | LEVER, clutch, front rod | 1 | |
| H-1 | H001-0116277 | 14-3 | 227647 | | BOLT, hex-hd., s-fin., alloy-S., ½-13NC-2 x 1 (BANX1EC) | 1 | |
| H-1 | H001-0716025 | 14-3 | 219705 | | NUT, jam, hex-hd., s-fin., S., ½-20NF-2 (clutch booster spring support adjusting bolt) (BBDX1E) | 1 | |
| H-1 | H001-0716025 | | 219705 | | NUT, jam, hex-hd., s-fin., S., ½-20NF-2 (clutch pedal and lever stop screw) (BBDX1E) | 2 | |
| H-1 | H001-0725660 | 14-4 | 503350 | | NUT, safety, S., 3/8-24NF-3 (clutch release bracket ring bolt) (BBSX4AC) | 1 | |

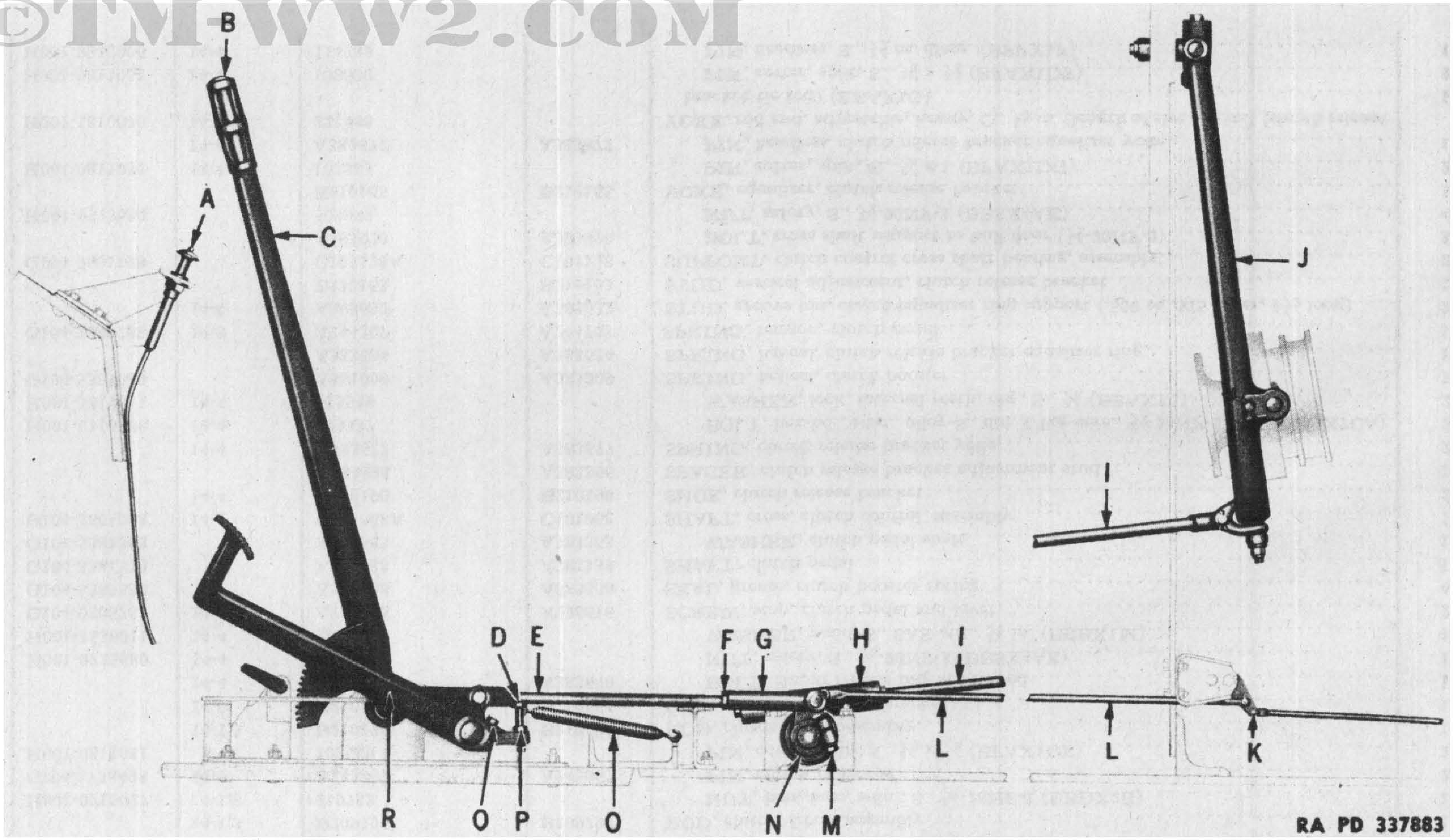
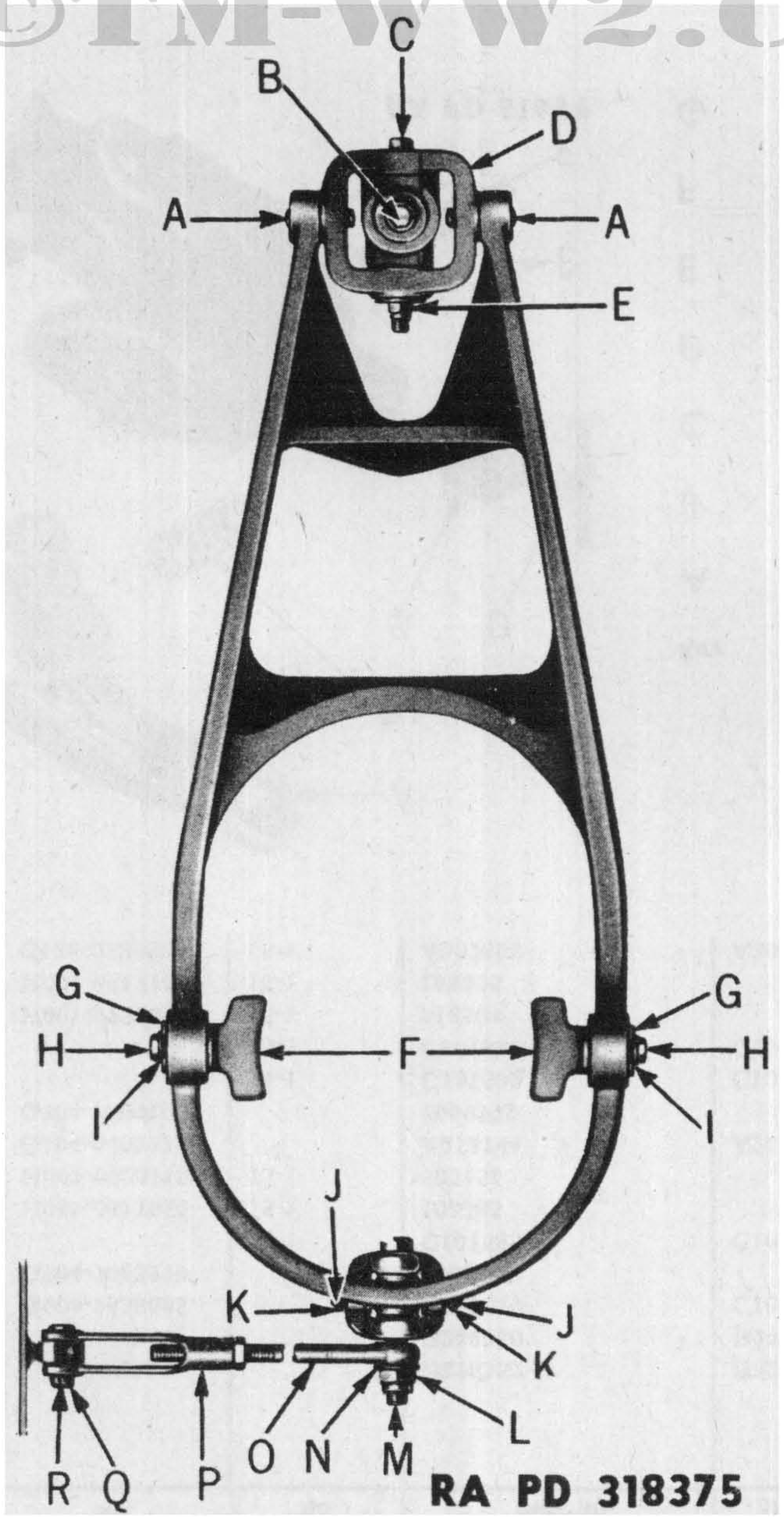



**FIGURE 14-3 — CLUTCH CONTROLS — SIDE VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | CONTROL | B253183F | 1402 |
| B | GRIP | B141536 | 1401 |
| C | LEVER | C101166 | 1401 |
| D | SCREW | A226616 | 1403 |
| E | ROD, ass'y | B209799 | 1403 |
| F | NUT | 219752 | 1403 |
| G | CLEVIS | A245075 | 1403 |
| H | ADJUSTER | C100852 | 1403 |
| I | ROD, ass'y | B210170 | 1403 |
| J | BRACKET, ass'y | D78421 | 1403 |
| K | PIN | A345641 | 1402 |
| L | ROD, ass'y | B210251 | 1402 |
| M | BOLT | 227647 | 1403 |
| N | LEVER | A383965 | 1403 |
| O | SPRING | A244707 | 1403 |
| P | NUT | 219705 | 1403 |
| Q | BOLT | 223600 | 1403 |
| R | PEDAL | D78365 | 1403 |

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| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1782897 | | A245053A | A245053 | OIL SEAL, clutch control cross shaft (2), clutch front rod bearing (2), clutch rear rod adjuster (2) and clutch rear rod adjuster bearing (2) | 8 | |
| | G104-3068401 | | A245053C | A245053 | OIL SEAL, clutch control cross shaft bearing | 1 | |
| | | 14-1,3 | D78365 | D78365 | PEDAL, clutch | 1 | |
| H-1 | H001-0116221 | 14-3 | 223600 | | BOLT, hex-hd., s-fin., alloy-S., 3/8-24NF-2 x 1 1/2 (BAOX1CE) | 1 | |
| H-1 | H001-1519011 | | 115549 | | WASHER, lock, internal teeth, reg., S., 3/8 in. (BEAX1L) | 1 | |
| H-1 | H001-0811053 | | 103386 | | PIN, cotter, split, S., 1/8 x 1 1/4 (clutch bracket stud) (BFAX1DH) | 2 | |
| | G104-5381364 | | A381364 | A381364 | PIN, clutch booster spring support body | 2 | |
| | G104-6209689 | | B209689 | B209689 | RETAINER, clutch booster spring | 2 | |
| | | 14-4 | C101069 | C101069 | RING, equalizer, clutch release bracket | 1 | |
| | | 14-1,3 | B209799 | B209799 | ROD, clutch, front, assembly | 1 | |
| H-1 | H001-0716027 | 14-1,3 | 219752 | | NUT, jam, hex., s-fin., S., 5/8-18NF-2 (BBDX2B) | 1 | |
| | G104-1738498 | 14-1 | A245067 | A245067 | PIN, clutch front rod | 2 | |
| H-1 | H001-0811051 | | 108630 | | PIN, cotter, split, S., 1/8 x 7/8 (BFAX1DF) | 2 | |
| | | 14-1,3 | B210170 | B210170 | ROD, clutch, rear, assembly | 1 | |
| | | 14-4 | B210164A | B210164 | ROD, tie, clutch release bracket | 1 | |
| | | 14-4 | A383640 | A383640 | BOLT, clutch release bracket tie rod | 1 | |
| H-1 | H001-0725680 | 14-4 | 503322 | | NUT, safety, S., 1/2-20NF-3 (BBSX4AE) | 1 | |
| H-1 | H001-1530011 | 14-4 | 103343 | | WASHER, plain, S., SAE std., 1/2 in. (BEBX1M) | 1 | |
| | G104-0305763 | 14-3 | A226616 | A226616 | SCREW, stop, clutch pedal and lever | 2 | |
| | G104-5383538 | | A383538 | A383538 | SEAL, grease, clutch booster spring | 4 | |
| | G104-5381138 | | A381138 | A381138 | SHAFT, clutch pedal | 1 | |
| | G104-5381363 | | A381363 | A381363 | WASHER, clutch pedal shaft | 1 | |
| | G104-5601068 | 14-1 | C101068A | C101068 | SHAFT, cross, clutch control, assembly | 1 | |
| | | 14-4 | B210190 | B210190 | SHOE, clutch release bracket | 2 | |
| | | | A383896 | A383896 | SPACER, clutch release bracket adjustment stud | 1 | |
| | | 14-4 | A383677 | A383677 | SPRING, clutch release bracket yoke | 2 | |
| H-1 | H001-0116388 | 14-4 | 224337 | | BOLT, hex-hd., s-fin., alloy-S., dld. f/lkg-wire., 3/8-24NF-2 x 3/4 (BAOX7CA) | 2 | |
| H-1 | H001-1519011 | 14-4 | 115549 | | WASHER, lock, internal teeth, reg., S., 3/8 (BEAX1L) | 2 | |
| | G104-5381009 | | A381009 | A381009 | SPRING, helical, clutch booster | 1 | |
| | | | A383634 | A383634 | SPRING, helical, clutch release bracket equalizer ring | 1 | |
| | G104-2389788 | 14-3 | A244707 | A244707 | SPRING, tension, clutch pedal | 1 | |
| | | 14-4 | A383632 | A383632 | STUD, groove pin, clutch equalizer ring support (.500 to .525 taper, 1 1/2 long) | 2 | |
| | | | B210163 | B210163 | STUD, vertical adjustment, clutch release bracket | 1 | |
| | G104-5601128 | | C101128A | C101128 | SUPPORT, clutch control cross shaft bearing, assembly | 2 | |
| | | | A383920 | A383920 | BOLT, cross shaft support to hull floor (1/2-20NF-3) | 3 | |
| H-1 | H001-0725680 | | 503322 | | NUT, safety, S., 1/2-20NF-3 (BBSX4AE) | 4 | |
| | | | B210165 | B210165 | YOKE, equalizer, clutch release bracket | 1 | |
| H-1 | H001-0811052 | 14-4 | 103385 | | PIN, cotter, split, S., 1/8 x 1 (BFAX1DG) | 2 | |
| | | 14-4 | A383877 | A383877 | PIN, headless, clutch release bracket equalizer yoke | 1 | |
| H-1 | H001-1810070 | 14-4 | 221465 | | YOKE, rod end, adjustable, heavy, C., 1/2 in. (length of slot 4 3/16 in.) (clutch release bracket tie rod) (EEAX1G) | 1 | |
| H-1 | H001-0811051 | 14-4 | 108630 | | PIN, cotter, split, S., 1/8 x 7/8 (BFAX1DF) | 2 | |
| H-1 | H001-0823006 | 14-4 | 114788 | | PIN, headless, S., 1/2 in. diam. (BFFX1F) | 1 | |



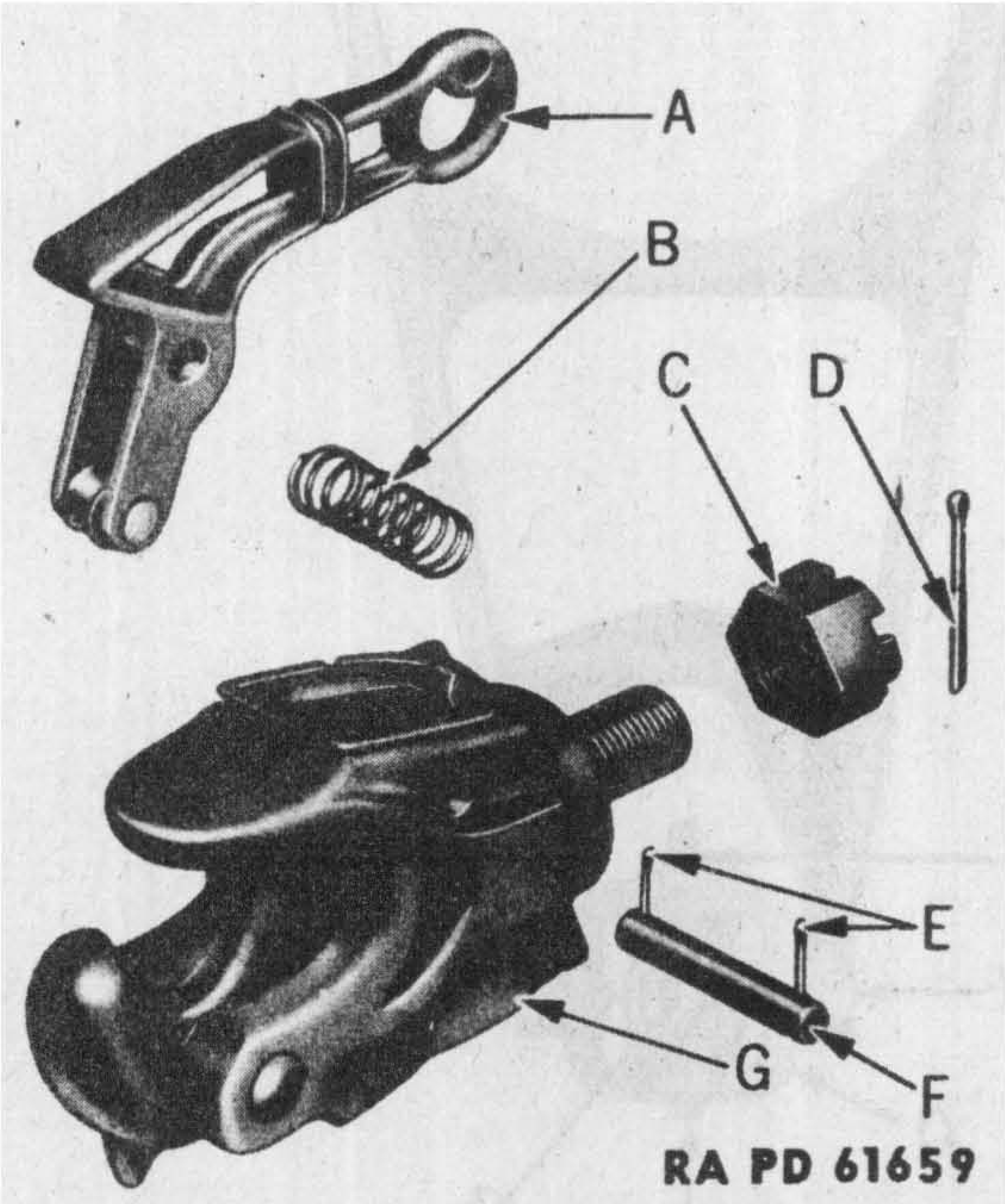

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | STUD | A383632 | 1403 |
| B | NUT | 503350 | 1403 |
| C | BOLT | A383636 | 1403 |
| D | RING | C101069 | 1403 |
| E | NUT | 503350 | 1403 |
| F | SHOE | B210190 | 1403 |
| G | SPRING | A383677 | 1403 |
| H | BOLT | 224337 | 1403 |
| I | WASHER | 115549 | 1403 |
| J | PIN | A383877 | 1403 |
| K | PIN | 103385 | 1403 |
| L | NUT | 503322 | 1403 |
| M | BOLT | A383640 | 1403 |
| N | WASHER | 103343 | 1403 |
| O | ROD | B210164A | 1403 |
| P | YOKE | 221465 | 1403 |
| Q | PIN | 114788 | 1403 |
| R | PIN | 108630 | 1403 |

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**FIGURE 14-4 — CLUTCH THROWOUT BRACKET ASSEMBLY, D78421**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | **1503—PINTLES AND TOWING ATTACHMENTS** | | |
| | | | B326332 | B326332 | BOOT, pintle release lever, assembly | 1 | |
| | | | B242750 | B242750 | DOG, pintle | 1 | |
| | G104-2338685 | | C100779 | C100779 | HANDLE and PIN, towing, front and rear, assembly | 4 | |
| | G104-7068219 | | 7068219 | | HOOK, tow, quick attaching cable | 1 | |
| | | 15-1 | C101583 | C101583 | HOUSING, pintle towing | 1 | |
| H-1 | H001-0811052 | 15-1 | 103385 | | PIN, cotter, split, S., 1/8 x 1 (BFAX1DG) | 2 | |
| H-1 | H001-0822119 | 15-1 | 505151 | | PIN, headless, S., 5/8 diam. x 2.93 clear (BFEX2CU) | 1 | |
| | G104-0401278 | | A213744 | A213744 | PIN, locking, quick attaching cable tow hook | 8 | |
| | G104-7069195 | | 7069195 | | PIN, quick attaching cable tow hook | 1 | |
| | | 15-1 | C101582 | C101582 | PINTLE, towing | 1 | |
| | | 15-1 | C101581 | C101581 | PINTLE, towing, assembly (Includes: DOG, LEVER and SPRING) | 1 | |
| H-1 | H001-0722013 | 15-1 | 218509 | | NUT, slotted, hv., S., 1 1/2-6NC-2 (BBGX3C) | 1 | |
| H-1 | H001-0811104 | 15-1 | 103425 | | PIN, cotter, split, S., 1/4 x 2 3/4 (BFAX2CE) | 1 | |
| | G136-0389801 | 15-1 | A302605 | A302605 | SPRING, return, pintle release lever | 1 | |






## FIGURE 15-1 — PINTLE ASSEMBLY, C101581 — AND ATTACHING PARTS — EXPLODED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | HOUSING | C101583 | 1503 |
| B | SPRING | A302605 | 1503 |
| C | NUT | 218509 | 1503 |
| D | PIN | 103425 | 1503 |
| E | PIN | 103385 | 1503 |
| F | PIN | 505151 | 1503 |
| G | PINTLE | C101582 | 1503 |

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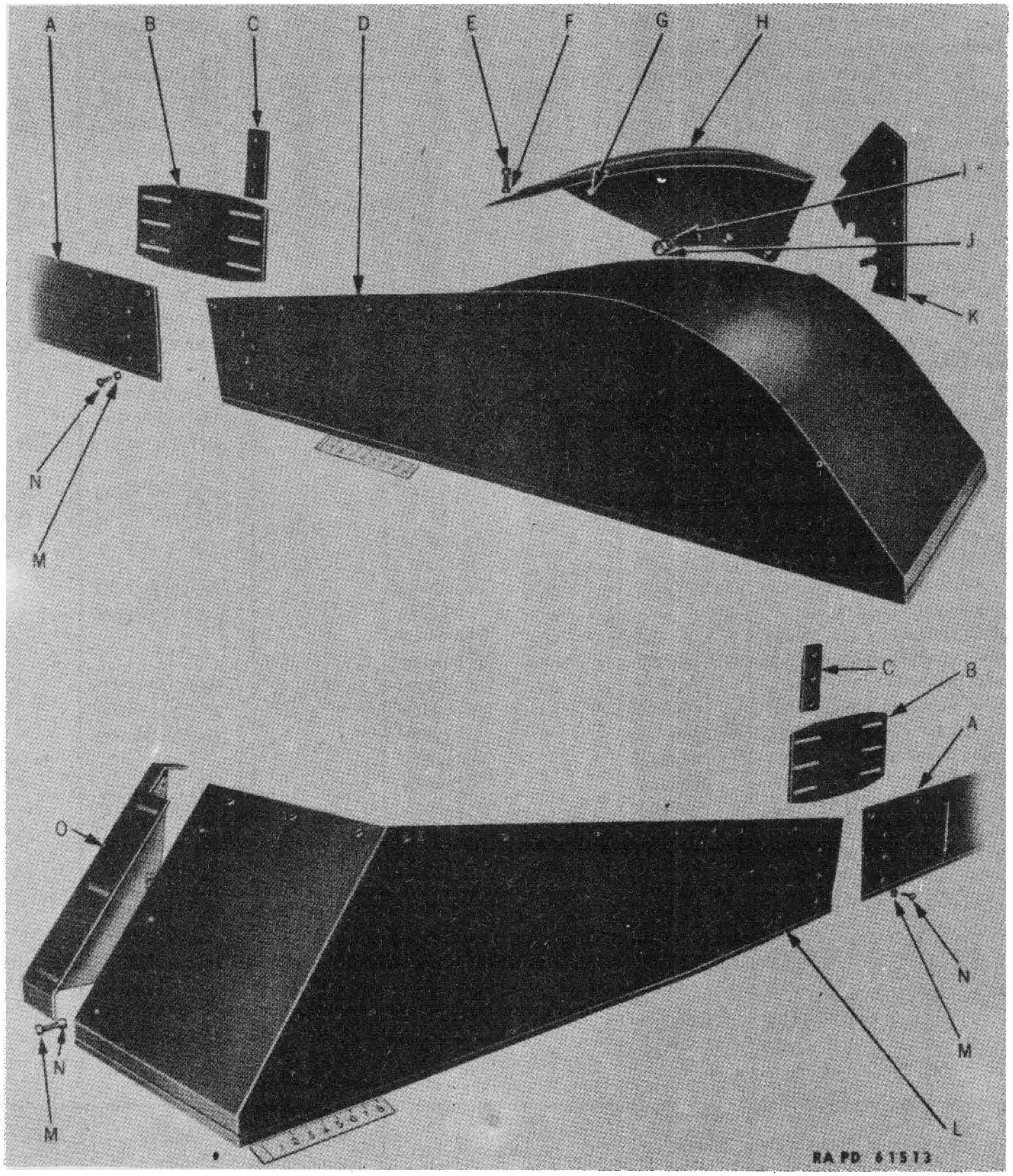
# GROUP 16—SHOCK ABSORBER

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | **1604—SHOCK ABSORBER** | | |
| | G104-6580067 | 13-7 | D80067 | D80067 | ABSORBER, shock, volute spring suspension, assembly | 6 | |
| H-1 | H101-0214410 | 13-7 | 214410 | | BOLT, self-locking, hex-hd., S., 1-14NF-3 x 2½ (BARX1DG) | 24 | |
| | G104-5384322 | 13-7 | A384322 | A384322 | PIN, volute spring suspension shock absorber | 12 | |
| | | | | | **GROUP 17—FENDERS** | | |
| | | | | | **1701—FENDERS AND SAND SHIELDS** | | |
| | G104-1792698 | | C100704B | C100704 | COVER, support, adjustable, left rear sand shield to shield mounting (used with narrow track) | 1 | |
| | G104-1792754 | 17-1 | C100704A | C100704 | COVER, support, adjustable, right rear sand shield to shield mounting (used with narrow track) | 1 | |
| | | | 7067467 | | COVER, support, adjustable, right rear sand shield to shield mounting (used with wide track) | 1 | |
| | | | 7066707 | | COVER, support, adjustable, left rear sand shield to shield mounting (used with wide track) | 1 | |
| H-1 | H001-0116218 | 17-1 | 223597 | | BOLT, hex-hd., s-fin., alloy-S., ⅜-24NF-2 x ⅞ (BAOX1CB) | 6 | |
| H-1 | H001-0725660 | 17-1 | 503350 | | NUT, safety, S., ⅜-24NF-3 (BBSX4AC) | 6 | |
| H-1 | H001-1530009 | | 103341 | | WASHER, plain, S., ⅜ in. (BEBX1K) | 6 | |
| | G104-2180701 | | C97287B | C97287 | FENDER, left front, assembly (Includes: BRACE, PLATES, SHIELD and SPACER) (used with narrow track) | 1 | |
| | | | 7066705 | | FENDER, left front, assembly (Includes: BRACE, PLATES, SHIELD and SPACER) (used with wide track) | 1 | |
| | G104-2180700 | 17-1 | C97287A | C97287 | FENDER, right front, assembly (Includes: BRACE, PLATES, SHIELD and SPACER) (used with narrow track) | 1 | |
| | | | 7066706 | | FENDER, right front, assembly (Includes: BRACE, PLATES, SHIELD and SPACER) (used with wide track) | 1 | |
| H-1 | H001-5421260 | | 100026 | | BOLT, hex-hd., S., ⅜-24NF-3 x 1 (fender to hull) (BCVX2FL) | 2 | |
| H-1 | H001-0725660 | 17-1 | 503350 | | NUT, safety, S., ⅜-24NF-3 (fender to hull) (BBSX4AC) | 6 | |
| H-1 | H001-1023794 | 17-1 | 111636 | | SCREW, mach., fl-hd., S., ⅜-24NF-2 x 1 (fender to hull) (BCLX1.1EL) | 6 | |
| H-1 | H001-1530009 | | 103341 | | WASHER, plain, S., ⅜ in. (fender to hull) (BEBX1K) | 2 | |
| | | 17-1 | B208793 | B208793 | PLATE, front sand shield to skirt, assembly | 2 | |
| | G104-1740348 | | B208903B | B208903 | PLATE, left front sand shield to differential housing (Includes: PINS and STUDS) | 1 | |
| | G104-1740347 | 17-1 | B208903A | B208903 | PLATE, right front sand shield to differential housing (Includes: PINS and STUDS) | 1 | |
| H-1 | H001-0116377 | | 223756 | | BOLT, hex-hd., s-fin., alloy-S., ¾-16NF-2 x 3 (BAOX2CK) | 4 | |
| H-1 | H001-0116099 | | 223450 | | BOLT, hex-hd., s-fin., alloy-S., ¾-10NC-2 x 2¼ (BANX2CE) | 2 | |
| H-1 | H001-0725710 | | 503334 | | NUT, safety, S., ¾-16NF-3 (BBSX4AH) | 4 | |
| H-1 | H001-1518015 | | 103326 | | WASHER, lock, reg., S., ¾ in. (BECX1R) | 2 | |
| | G104-1740351 | 17-1 | B208726 | B208726 | PLATE, slip-joint, front sand shield to skirt | 2 | |
| | G104-1784871 | | D78221B | D78221 | SHIELD, sand, front, left, assembly (Includes: PINS and STUDS) | 1 | |

# GROUP 17 — FENDERS



| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1784872 | 17-1 | D78221A | D78221 | SHIELD, sand, front, right, assembly (Includes: PINS and STUDS) | 1 | |
| | G104-1784873 | | D78218B | D78218 | SHIELD, sand, rear, left, assembly (Includes: PINS and STUDS) | 1 | |
| | G104-1784874 | 17-1 | D78218A | D78218 | SHIELD, sand, rear, right, assembly (Includes: PINS and STUDS) | 1 | |
| | G104-1786600 | | B208778B | B208778 | SKIRT, sand shield, left, assembly (Includes: PINS and STUDS) | 1 | |
| | G104-1786601 | 17-1 | B208778A | B208778 | SKIRT, sand shield, right, assembly (Includes: PINS and STUDS) | 1 | |
| | G104-1738581 | | A326507 | A326507 | PIN, locking, sand shield fastening stud | 58 | |
| | | | A326508 | A326508 | STUD, fastening, sand shields and skirts to shield support on hull | 58 | |
| | | | 7068581 | | SUPPORT, sand shield to hull | 1 | |
| | | | 7068577 | | SUPPORT, sand shield to hull, left front (used with wide track) | 1 | |
| | | | 7068581 | | SUPPORT, sand shield to hull, left rear (used with wide track) | 1 | |
| | | | 7068578 | | SUPPORT, sand shield to hull, right front (used with wide track) | 1 | |
| | | | 7068582 | | SUPPORT, sand shield to hull, right rear (used with wide track) | 1 | |
| | | | 7068579 | | SUPPORT, skirt to hull, left center (used with wide track) | 1 | |
| | | | 7068580 | | SUPPORT, skirt to hull, right center (used with wide track) | 1 | |
| H-1 | H001-0725480 | | 503266 | | NUT, safety, S., ¼-20NC-3 (front (6), center (22), rear (10) (BBSX2AA) | 38 | |
| H-1 | H001-1023137 | | 113993 | | SCREW, mach., fl-hd., S., ¼-20NC-2 x 1 (front (6), center (22), rear (10) (BCKX2CK) | 38 | |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SKIRT | B208778A | 1701 |
| B | PLATE | B208726 | 1701 |
| C | PLATE, ass'y | B208793 | 1701 |
| D | SHIELD, ass'y | D78221A | 1701 |
| E | SCREW | 111636 | 1701 |
| F | NUT | 503350 | 1701 |
| G | SCREW | 111636 | 1701 |
| H | FENDER | C97287A | 1701 |
| I | WASHER | 103326 | 1008.2 |
| J | BOLT | 223452 | 1008.2 |
| K | PLATE | B208903A | 1701 |
| L | SHIELD, ass'y | D78218A | 1701 |
| M | NUT | 503350 | 1701 |
| N | BOLT | 223597 | 1701 |
| O | COVER | C100704A | 1701 |

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**FIGURE 17-1 — FENDERS, SAND SHIELDS AND RELATED PARTS — EXPLODED VIEW**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | **1801—HULL MOUNTING AND ATTACHING PARTS** | | |
| | | | C96866 | C96866 | BASE, hull ventilator, top | 2 | |
| H-1 | H001-0126410 | | 501886 | | BOLT, oval-hd., alloy-S., ½-20NF-2 x 2⅜ (BAPX1CQ) | 8 | |
| H-1 | H001-0725680 | | 503322 | | NUT, safety, S., ½-20NF-3 (BBSX4AE) | 8 | |
| | | | B210193 | B210193 | BRACKET, blanket roll, assembly | 3 | |
| | | | B381179 | | BRACKET, exhaust deflector | 2 | |
| | G104-1792706 | | A246029 | A246029 | BRACKET, stowing, axe | 1 | |
| | | | A384284 | A384284 | BRACKET, stowing, crow bar, front, assembly | 1 | |
| | | | A384283 | A384283 | BRACKET, stowing, crow bar, rear | 1 | |
| | G104-2551702 | | A227992 | A227992 | BRACKET, stowing, mattock | 1 | |
| | G104-2551706 | | A246031 | A246031 | BRACKET, stowing, mattock handle, front | 1 | |
| | | | A246030 | A246030 | BRACKET, stowing, mattock handle, rear | 1 | |
| | | | A197682 | A197682 | BRACKET, stowing, short handled shovel, front | 1 | |
| | G104-2551701 | | A246032 | A246032 | BRACKET, stowing, short handled shovel, rear | 1 | |
| | G104-1792706 | | A246029 | A246029 | BRACKET, stowing, sledge hammer | 1 | |
| | G107-0125808 | | A227553 | A227553 | BRACKET, stowing, track idler wrench | 1 | |
| | | | B201033B | B201033 | BRACKET, support, engine compartment front cover, left, assembly | 1 | |
| | | | B201033A | B201033 | BRACKET, support engine compartment front cover, right, assembly | 1 | |
| H-1 | H001-0116345 | | 223742 | | BOLT, hex-hd., s-fin., alloy-S., ⅝-18NF-2 x 3 (BAOX2BK) | 6 | |
| | G104-2571444 | | B200446 | B200446 | CHOCK, hull tow cable | 2 | |
| | | | A345550 | A345550 | CLAMP, hull tow cable lock | 1 | |
| | | | 7056325 | | COVER, auxiliary generator, fuel tank cap | 1 | |
| H-1 | H001-0811052 | | 103385 | | PIN, cotter, split, S., ⅛ x 1 (BFAX1DG) | 2 | |
| H-1 | H001-0822122 | | 505154 | | PIN, headless, S., ⅝ diam. x 3.30 clear (BFEX2CZ) | 1 | |
| | | | D51304 | D51304 | COVER, air inlet, engine compartment | 1 | |
| H-1 | H001-0811051 | | 108630 | | PIN, cotter, split, S., ⅛ x ⅞ (BFAX1DF) | 4 | |
| | G104-1613921 | | A246614 | A246614 | PIN, headless, engine compartment air inlet cover hinge | 2 | |
| H-1 | H001-1530013 | | 103345 | | WASHER, plain, S., SAE std., ⅝ in. (BEBX1P) | 4 | |
| | | | C101136 | C101136 | COVER, engine compartment rear, assembly | 1 | |
| H-1 | H001-0116086 | | 223740 | | BOLT, hex-hd., s-fin., alloy-S., ⅝-18NF-2 x 2½ (BAOX2BG) | 3 | |
| | G104-0301670 | | C84811 | C84811 | COVER, fuel tank cap | 2 | |
| H-1 | H001-0811112 | | 103385 | | PIN, cotter, split, S., ⅛ x 1 (BFAX1DG) | 4 | |
| H-1 | H001-0822122 | | 505153 | | PIN, headless, S., ⅝ diam. x 3.30 clear (BFEX2CZ) | 2 | |
| | G104-0301670 | | C84811 | C84811 | COVER, lubrication oil cap | 1 | |
| H-1 | H001-0811112 | | 103385 | | PIN, cotter, split, S., ⅛ x 1 (BFAX1DG) | 2 | |
| H-1 | H001-0822122 | | 505153 | | PIN, headless, S., ⅝ diam. x 3.30 clear (BFEX2CZ) | 1 | |
| | | | A349516 | A349516 | DEFLECTOR, brush, mattock | 1 | |
| | G104-1576881 | | A227939 | A227939 | EYE, locking, hull tow cable | 1 | |
| H-1 | H001-0724004 | | 105607 | | NUT, wing, S., ⅜-16NC-2 (BBPX1D) | 1 | |
| H-1 | H001-0924299 | | 108684 | | RIVET, b-hd., S., ⅜ in. x 1⅞ in. (BMCX2) | 1 | |
| | G104-0302144 | | A246026 | A246026 | FASTENER, axe head | 1 | |
| | | | A345866A | A345866 | FASTENER, strap, blanket roll stowage rack | 8 | |
| | G104-2712101 | | C97251B | C97251 | GUARD, headlight, left, welded assembly (Includes: BRACE, SHIELD, SPRING and TUBE) | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-2712102 | | C97251E | C97251 | GUARD, headlight, right, welded assembly (Includes: BRACE, SHIELD, SPRING and TUBE) | 1 |
| | | | 7055916 | | GUARD, hull ventilator inlet, assembly | 1 |
| H-1 | H001-5452260 | | 181309 | | SCREW, hull ventilator inlet guard (BCVX4BD) | 2 |
| H-1 | H001-7021741 | | 120423 | | WASHER, lock, internal teeth, reg., S., zn-pltd., 1/4 in. (BEAX1H-2) | 7 |
| | G104-2712100 | | A248350 | A248350 | GUARD, siren, welded assembly (Includes: BRACE, FRAME, PIECE and SUPPORT) | 1 |
| | | | B208884A | B208884 | GUARD, tail lamp, left, assembly | 1 |
| | | | B208884B | B208884 | GUARD, tail lamp, right, assembly | 1 |
| | G104-2736575 | | A248130 | A248130 | HOLDER, sledge hammer | 1 |
| | | | 7068820 | | HULL, assembly (Includes: upper and lower HULL) | 1 |
| | | | 7068194 | | HULL, lower, assembly | 1 |
| | | | 7068816 | | HULL, upper, assembly (cast armor construction) | 1 |
| | G104-2861376 | | B208845 | B208845 | LOCK, tow cable, assembly (Includes: BASE, CLAMP, EYE and RIVET) | 1 |
| | G104-1738503 | | A227810 | A227810 | PIN, engine compartment cover hinge | 2 |
| H-1 | H001-0811053 | | 103386 | | PIN, cotter, split, S., 1/8 x 1 1/4 (BFAX1DH) | 2 |
| | G104-0304826 | | B201034 | B201034 | PIN, locking, air inlet cover, assembly | 2 |
| | G104-0304825 | | B200399 | B200399 | PIN, locking, lubrication oil, fuel tank and auxiliary generator cap cover, assembly (Includes: BALL, CHAIN assembly, HANDLE, HOOK and EYE, RING and SPRING) | 4 |
| | G104-1740521 | | B206544 | B206544 | PLUG, hull headlight hole, assembly (Includes: CHAIN assembly) | 2 |
| | | | D52875 | D52875 | RACK, stowage, blanket roll and/or camouflage net and cleaning rods, assembly | 1 |
| H-1 | H001-1013245 | | 136946 | | SCREW, blanket roll, camouflage net and cleaning rods stowage rack (BABX1CC) | 12 |
| H-1 | H001-1518009 | | 103321 | | WASHER, lock, reg., S., 3/8 in. (BECX1K) | 12 |
| | G104-2580502 | | B206870B | B206870 | SCOOP, air, grouser compartment, left | 1 |
| | G104-2580501 | | B206870A | B206870 | SCOOP, air, grouser compartment, right | 1 |
| | | | 7069776 | | SCREEN, hull ventilator inlet, assembly | 1 |
| H-1 | H001-5452280 | | 181310 | | SCREW, hull ventilator inlet screen (BCVX4FAD) | 5 |
| H-1 | H001-7043681 | | 120392 | | WASHER, plain, S., cd-pltd., SAE std., 1/4 in. (BEBX1G-1) | 2 |
| | | | 7059925 | | STRAP, blanket and camouflage net rack, short, assembly | 4 |
| | | | 7069926 | | BUCKLE, tongueless blanket and camouflage net rack strap | 4 |
| | | | QADX1FF | QADX1 | STRAP, blanket and camouflage net rack, long, assembly | 4 |
| | | | 7069926 | | BUCKLE, tongueless, blanket and camouflage net rack strap | 4 |
| | | | QADX1DB | QADX1 | STRAP, web, pioneer tool storage outside vehicle, assembly (Includes: BUCKLE and end CLIPS) | 5 |
| | G104-0307323 | | C96867 | C96867 | TOP, hull ventilator | 2 |
| | G104-2124248 | | A227716A | A227716 | BOLT, hull ventilator top | 8 |
| H-1 | H001-0725640 | | 503322 | | NUT, safety, S., 1/2-20NF-3 (BBSX4AE) | 8 |

## 1803.11—HULL FLOOR ESCAPE DOOR, ASSEMBLY—E4162A
### (Used on Vehicles Serial No. 1 Through 800)

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-1524204 | 18-5 | B200146 | B200146 | BOLT, retaining, hull floor escape door (11 1/16 lgh.) | 2 |
| | G104-1524205 | 18-5 | B200147 | B200147 | BOLT, retaining, hull floor escape door (10 1/16 lgh.) | 2 |
| | G104-1781741 | 18-5 | A226805 | A226805 | SCREW, hull floor escape door retaining bolt (hex-hd., S., dld. f/lkg-wire., 5/16-18NC-2 x 9/16) | 4 |
| H-1 | H001-1519010 | | 115548 | | WASHER, lock, internal teeth, reg., S., 5/16 in. (hull floor escape door retaining bolt screw) (BEAX1K) | 4 |
| | G104-2611507 | 18-5 | E4162A | E4162 | DOOR, escape, hull floor, complete assembly (Includes: BOLT, GASKET, HANDLE, PAWL, RACK and RING) | 1 |
| | G104-2611504 | 18-5 | C96697A | C96697 | DOOR, escape, hull floor, assembly (Includes: BODY, BRACKETS and HANDLE) | 1 |

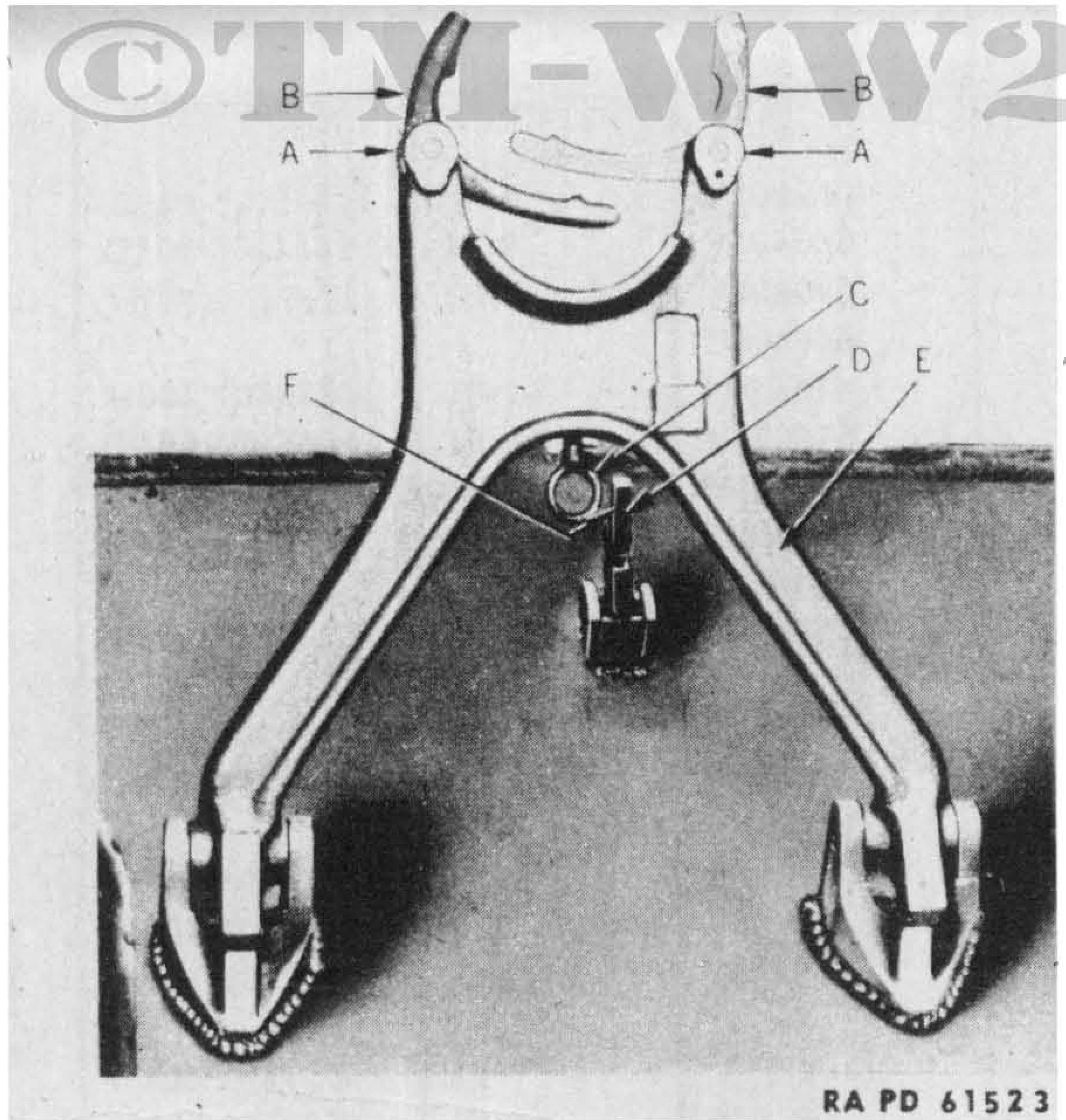
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1593895 | 18-5 | B183784 | B183784 | GASKET, hull floor escape door (rubber) | 1 | |
| | G118-0209277 | 18-5 | C96696 | C96696 | HANDLE, release, hull floor escape door | 1 | |
| | G210-5383611 | 18-5 | A383611 | A383611 | SCREW, hex-hd., S., ¾-16NF-2 x 1 5/16 | 1 | |
| H-1 | H001-1519016 | | 115554 | | WASHER, lock, internal teeth, reg., S., ¾ in. (BEAX2E) | 1 | |
| | G104-2334107 | 18-5 | A326749 | A326749 | PAWL, locking, hull floor escape door | 1 | |
| | G104-0305326 | 18-5 | A226807 | A226807 | RACK, hull floor escape door locking handle | 1 | |
| H-1 | H001-1023713 | 18-5 | 191579 | | SCREW, mach., fl-hd., S., ¼-28NF-2 x ½ (BCLX1.1CF) | 2 | |
| | G104-3042600 | 18-5 | A345833 | A345833 | RING, split, hull floor escape door locking pawl | 1 | |
| | G104-2389791 | | A326750 | A326750 | SPRING, helical, hull floor escape door locking pawl (½) | 1 | |
| | 22W-1642125 | 18-5 | BFWX1B | BFWX1 | WIRE, locking, low carbon, bright anld., .0625 diam. | as req. | |

### 1803.12—HULL FLOOR ESCAPE DOOR ASSEMBLY—7069430 (Used on Vehicles Serial No. 801 and Up)

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | 7069429 | | BODY, hull floor, escape door | 1 | |
| | | | 7069430 | | DOOR, escape hull floor, assembly (Includes: BODY, HANDLE, HINGE and LATCH) | 1 | |
| | | | A293179 | A293179 | EYE, link, hull floor escape door latch | 1 | |
| | G104-1593895 | | B183784 | B183784 | GASKET, hull floor escape door | 1 | |
| | | | 7069427 | | HANDLE, hull floor escape door | 2 | |
| | | | 7069426 | | HINGE, hull floor escape door | 3 | |
| | | | 7069691 | | LATCH, hull floor escape door, body to link | 1 | |
| | | | 7069428 | | LEVER, release, hull floor escape door | 1 | |
| H-1 | H001-4541621 | | 138084 | | PIN, clevis, rod end, S., cd-pltd., hardened, ⅜ in. diam. (BFFX2D-1) | 1 | |
| H-1 | H001-0811039 | | 103373 | | PIN, cotter, split, S., 3/32 x ¾ (BFAX1CE) | 1 | |
| | | | A293175 | A293175 | LINK, adjusting, hull floor escape door latch | 1 | |
| | | | 7069511 | | STAPLE, hasp, hull floor escape door | 1 | |
| | | | A293176 | A293176 | SUPPORT, hull floor escape door latch fulcrum | 2 | |
| | | | 7069477 | | PIN, clevis, hull floor escape door support | 1 | |
| H-1 | H001-0811039 | | 103373 | | PIN, cotter, split, S., 3/32 x ¾ (BFAX1CE) | 1 | |
| | | | 7069425 | | SUPPORT, hull floor escape door latch | 4 | |

### 1803.2—STATIONARY PERISCOPE HOLDER AND PERISCOPE HOUSING, DRIVER'S AND ASSISTANT DRIVER'S DOOR

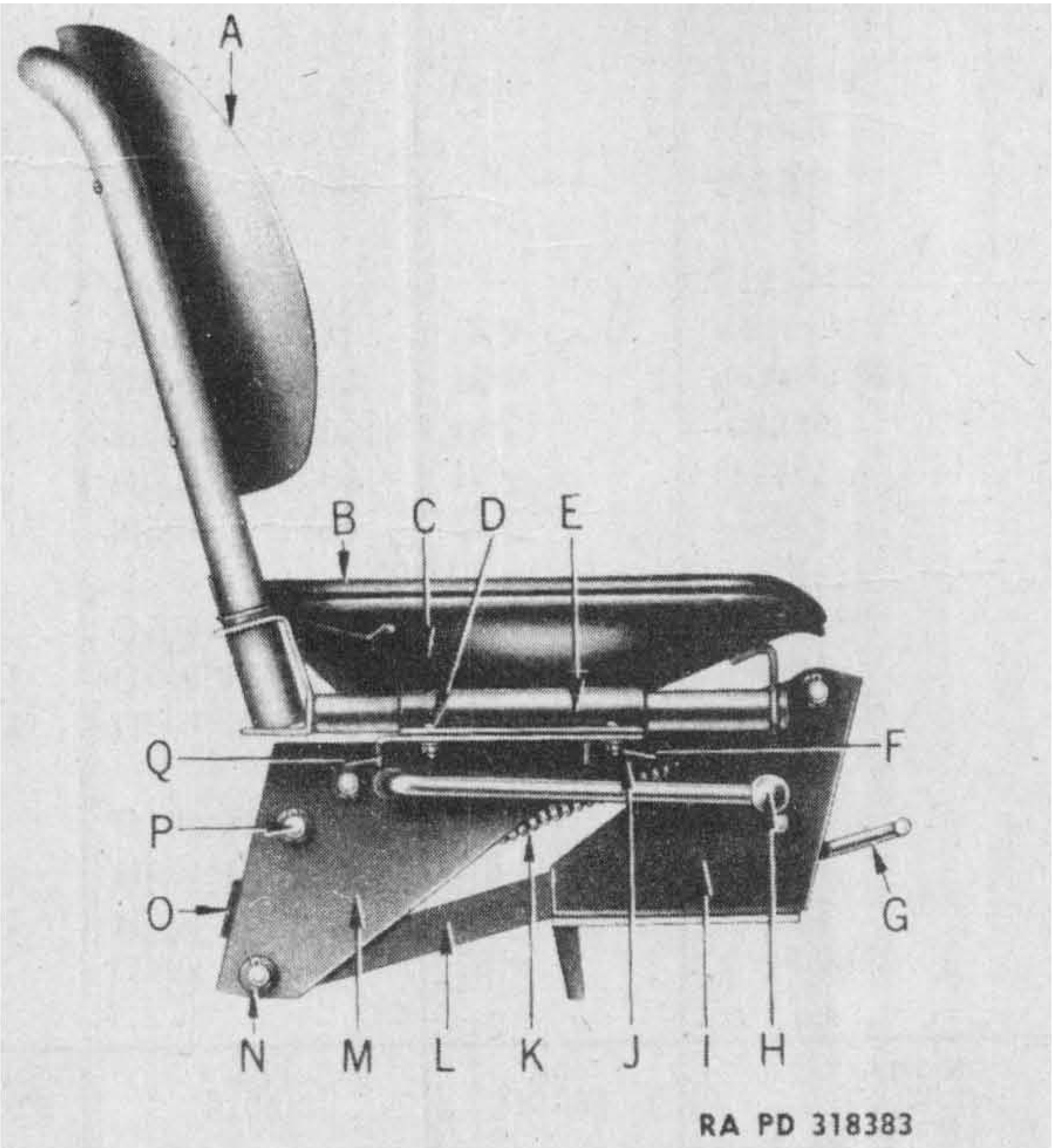
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G103-1518022 | 18-4 | A227831 | A227831 | BEARING, periscope holder trunnion, driver's and assistant driver's door (bz., self-lubricating, ½ I.D. x .628 O.D. x .4375 width) | 4 | |
| | | | C121190 | C121190 | BODY, stationary periscope holder, assembly (Includes: CLIP and LATCH) (used with HOLDER, G104-2736510) | 2 | |
| | G104-2124065 | 18-6 | C100201 | C100201 | BODY, stationary periscope holder, assembly (Includes: CLIP and LATCH) (used with HOLDER, G104-2217656) | 2 | |
| | G104-2137983 | 18-4 | A248086B | A248086 | CLIP, driver's and assistant driver's door periscope wiper, left | 2 | |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PIN | 117882 | 1804 |
| B | ARM | B210366 | 1804 |
| C | PLUNGER, ass'y | B208937 | 1804 |
| D | ARM | B210166 | 1804 |
| E | BRACKET | D52831 | 1804 |
| F | SPRING | A383643 | 1804 |

RA PD 61523C

**FIGURE 18-1 — 76 mm. GUN BARREL TRAVELING LOCK ASSEMBLY, D52832B**



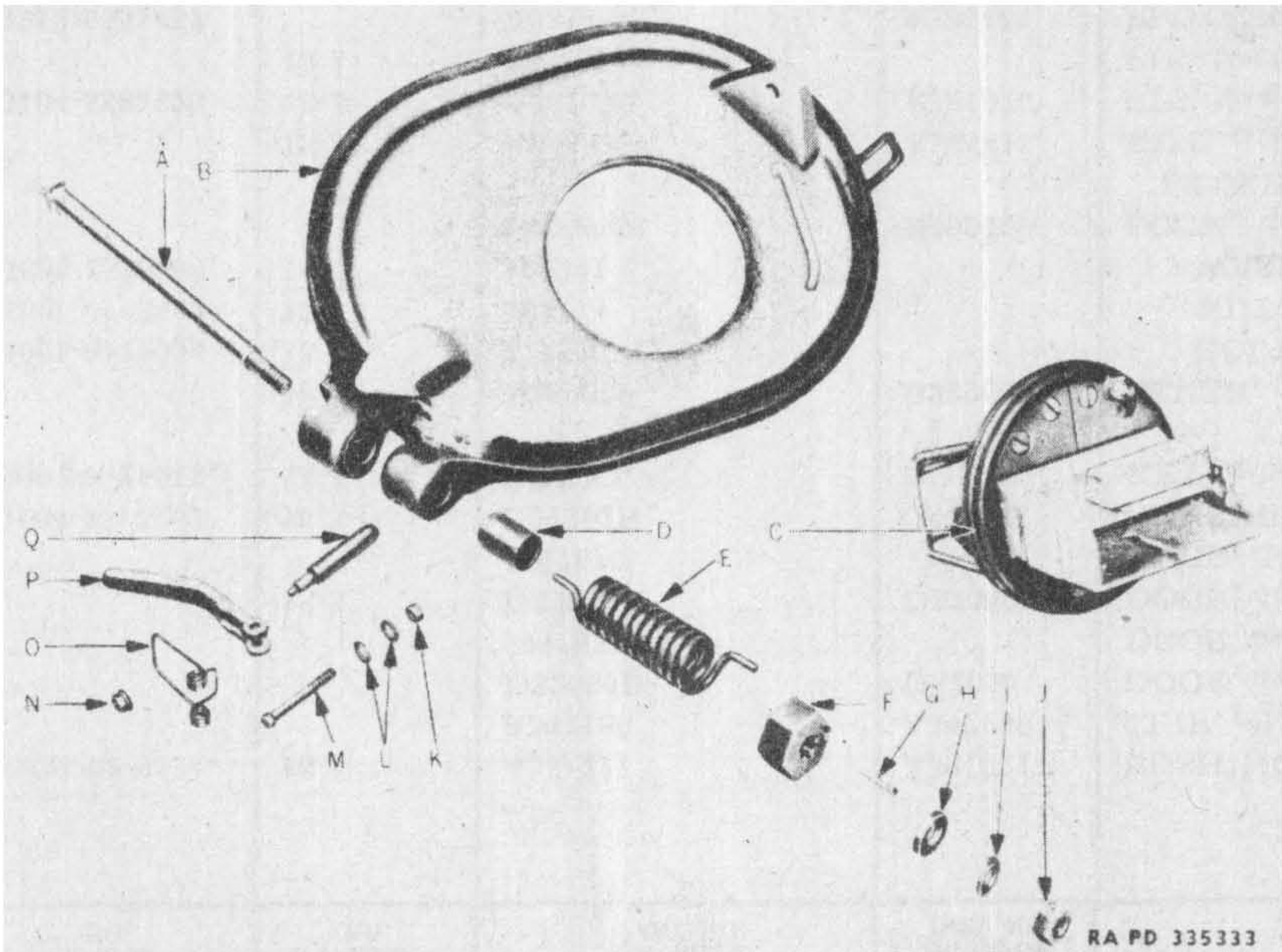

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PAD, ass'y | C100959 | 1806 |
| B | CUSHION, ass'y | C100947 | 1806 |
| C | BODY, ass'y | C100950 | 1806 |
| D | SCREW | 113956 | 1806 |
| E | TRACK | B209960 | 1806 |
| F | NUT | 220064 | 1806 |
| G | HANDLE, ass'y | B209958 | 1806 |
| H | KNOB | A381396 | 1806 |
| I | BASE, ass'y | C100948 | 1806 |
| J | ARM, ass'y | B209956 | 1806 |
| K | SPRING | B209959 | 1806 |
| L | ARM, ass'y | C100956 | 1806 |
| M | HANDLE (furnished only as part of RELEASE ass'y, B209954) | | 1806 |
| N | CARRIAGE, ass'y | C100953 | 1806 |
| O | PIN | 103373 | 1806 |
| P | RETAINER | A381402 | 1806 |
| Q | AXLE | A381395 | 1806 |
| R | PLATE | A381397 | 1806 |
| S | SCREW | A381385 | 1806 |

RA PD 318383A

**FIGURE 18-2 — DRIVER'S AND ASSISTANT DRIVER'S SEAT, D78351**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-2137982 | 18-4 | A248086A | A248086 | CLIP, driver's and assistant driver's door periscope wiper, right | 2 | |
| H-1 | H001-1030047 | | 174895 | | SCREW, mach., rd-hd., S., No. 5 (.124)-40NC-2 x ¼ (BCNX1DC) | 8 | |
| H-1 | H001-1519004 | | 115543 | | WASHER, lock, internal teeth, reg., S., No. 6 (BEAX1D) | 8 | |
| | G104-2137981 | 18-6 | A294457 | A294457 | CLIP, stationary periscope holder (used with HOLDER, G104-2736510 or G104-2217656) | 4 | |
| H-1 | H001-1030100 | 18-6 | 110500 | | SCREW, mach., rd-hd., S., No. 10 (.190)-24NC-2 x ½ (BCNX2AE) | 4 | |
| H-1 | H001-1518005 | 18-6 | 106497 | | WASHER, lock, reg., S., No. 10 (BECX1E) | 4 | |
| | G104-2140123 | 18-6 | C100203 | C100203 | COVER, stationary periscope holder, assembly (used with HOLDER, G104-2217656) | 2 | |
| H-1 | H001-0718001 | 18-6 | 220064 | | NUT, hex., s-fin., S., ¼-20NC-2 (BBAX1A) | 4 | |
| H-1 | H001-1519009 | 18-6 | 115547 | | WASHER, lock, internal teeth, reg., S., ¼ (BEAX1H) | 4 | |
| H-1 | H001-1530007 | 18-6 | 103339 | | WASHER, plain, S., ¼ (BEBX1G) | 4 | |
| | G104-2443032 | 18-6 | A246489B | A246489 | WASHER, stationary periscope holder, cover, left (special, S.) | 4 | |
| | G104-2443031 | 18-6 | A246489A | A246489 | WASHER, stationary periscope holder, cover, right (special, S.) | 4 | |
| | | | C122095 | C122095 | COVER, stationary periscope holder, assembly (used with HOLDER, G104-2736510) | 2 | |
| H-1 | H001-0725480 | | 503266 | | NUT, safety, S., ¼-20NC-3 (BBSX2AA) | 4 | |
| H-1 | H001-1023134 | | 113989 | | SCREW, mach., fl-hd., S., ¼-20NC-2 x ⅝ (BCKX2CF) | 4 | |
| | G104-1555302 | 18-4 | B257848 | B257848 | DOOR, periscope housing, driver's and assistant driver's door, assembly (Includes: COVER and SPRING) | 2 | |
| H-1 | H001-1030582 | 18-4 | 112872 | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NF-2 x 5/16 (BCOX1.1AC) | 4 | |
| H-1 | H001-1519007 | 18-4 | 115545 | | WASHER, lock, internal teeth, reg., S., No. 10 (BEAX1F) | 4 | |
| | G197-5600914 | 18-4 | C100914 | C100914 | GUARD, periscope housing, driver's and assistant driver's door, assembly | 2 | |
| H-1 | H001-0716023 | 18-4 | 219703 | | NUT, jam, hex., s-fin., S., ⅜-24NF-2 (BBDX1C) | 4 | |
| | G197-5381320 | 18-4 | A381320 | A381320 | NUT, periscope housing guard to segments, driver's and assistant driver's door (hex-hd., S., ⅜-24NF-2 x ⅝) | 4 | |
| H-1 | H001-1023797 | | 190452 | | SCREW, mach., fl-hd., S., ⅜-24NF-2 x 1½ (BCLX1.1EP) | 4 | |
| H-1 | H001-1023798 | | 190265 | | SCREW, mach., fl-hd., S., ⅜-24NF-2 x 1¾ (BCLX1.1EQ) | 4 | |
| | G103-1617702 | 18-4 | C115524 | C115524 | HOLDER, periscope housing, driver's and assistant driver's door, assembly | 2 | |
| | | | C121191 | C121191 | HOLDER, stationary periscope, assembly (used with HOLDER, G104-2736510) | 2 | |
| | G104-2217657 | | C100202 | C100202 | HOLDER, stationary periscope, assembly (used with HOLDER, G104-2217656) | 2 | |
| | G104-2217656 | 18-6 | C100200 | C100200 | HOLDER, stationary periscope, w/COVER, assembly (optional with HOLDER, G104-2736510) | 2 | |
| | G104-2736510 | | C121197 | C121197 | HOLDER, stationary periscope, w/COVER, assembly (optional with HOLDER, G104-2217656) | 2 | |
| | G104-2217862 | 18-4 | C97292B | C97292 | HOUSING, periscope, driver's and assistant driver's door, assembly | 2 | |
| | G104-0303373 | 18-4 | A226797 | A226797 | KNOB, adjusting, periscope holder, driver's and assistant driver's door | 2 | |
| | G103-1663904 | 18-4 | A265219 | A265219 | KNOB, periscope housing segment, driver's and assistant driver's door | 2 | |
| H-1 | H001-1026537 | 18-4 | 187330 | | SCREW, mach., oval-fil-hd., S., ¼-28NF-2 x ⅞ (BCGX1.1DL) | 2 | |
| | | | B207529 | B207529 | LATCH, stationary periscope holder (used with HOLDER, G104-2736510) | 2 | |
| | | | A248049 | A248049 | PIN, locking, stationary periscope holder latch | 2 | |
| | G104-2271775 | 18-6 | A281093 | A281093 | LATCH, stationary periscope holder (used with HOLDER, G104-2217656) | 2 | |
| | | | A294540 | A294540 | PIECE, fastening, stationary periscope holder clip (used with HOLDER, G104-2736510) | 2 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-2338501 | 18-6 | A294456 | A294456 | PIECE, fastening, stationary periscope holder clip (used with HOLDER, G104-2217656) | 2 |
| | G103-1767661 | 18-4 | A226798 | A226798 | PIECE, periscope holder adjusting knob, driver's and assistant driver's door | 2 |
| H-1 | H001-1026177 | 18-4 | 225020 | | SCREW, mach., oval-fil-hd., S., No. 5 (.125)-44NF-2 x 3/8 (BCGX1DE) | 2 |
| H-1 | H001-1519004 | 18-4 | 115543 | | WASHER, lock, internal teeth, reg., S., No. 5 (BEAX1D) | 2 |
| | G197-5348044 | 18-4 | A348044A | C348044 | PIECE, periscope housing bottom left segment, small, driver's and assistant driver's door (felt, 3 7/32 lgh.) | 4 |
| | G210-7008850 | 18-4 | A348044C | A348044 | PIECE, periscope housing bottom right segment, large, driver's and assistant driver's door (felt, 6 1/16 lgh.) | 4 |
| | G103-1738453 | 18-4 | A265218 | A265218 | PIECE, periscope housing segment knob, driver's and assistant driver's door | 2 |
| | G103-1738452 | 18-4 | A226815 | A226815 | PIECE, periscope housing top segment, driver's and assistant driver's door (felt) | 2 |
| | G103-1783260 | 18-4 | C96667A | C96667 | SEGMENT, periscope housing, bottom, left, driver's and assistant driver's door | 2 |
| | G103-1783270 | 18-4 | C96667B | C96667 | SEGMENT, periscope housing, bottom, right, driver's and assistant driver's door | 2 |
| H-1 | H001-1023794 | 18-4 | 111636 | | SCREW, mach., fl-hd., S., 3/8-24NF-2 x 1 (BCLX1.1EL) | 16 |
| H-1 | H001-1521007 | 18-4 | 114618 | | WASHER, lock, external teeth, ck., S., 3/8 (BEAX4G) | 16 |
| | G103-1783276 | 18-4 | C96668 | C96668 | SEGMENT, periscope housing, top, driver's and assistant driver's door | 2 |
| | G104-2384722 | 18-4 | A263103B | A263103 | SHIELD, periscope housing, driver's and assistant driver's door, assembly | 2 |
| H-1 | H001-1013211 | 18-4 | 216251 | | SCREW, cap, hex-hd., S., 1/4-28NF-2 x 1/2 (BCBX5A) | 4 |
| H-1 | H001-7124700 | 18-4 | 173124 | | WASHER, lock, internal-external teeth, reg., S., 1/4 x .760 (BEAX8W) | 4 |
| | | | A246608H | A246608 | | |
| | G104-2447740 | 18-4 | A248087 | A248087 | WIPER, periscope, driver's and assistant driver's door | 2 |

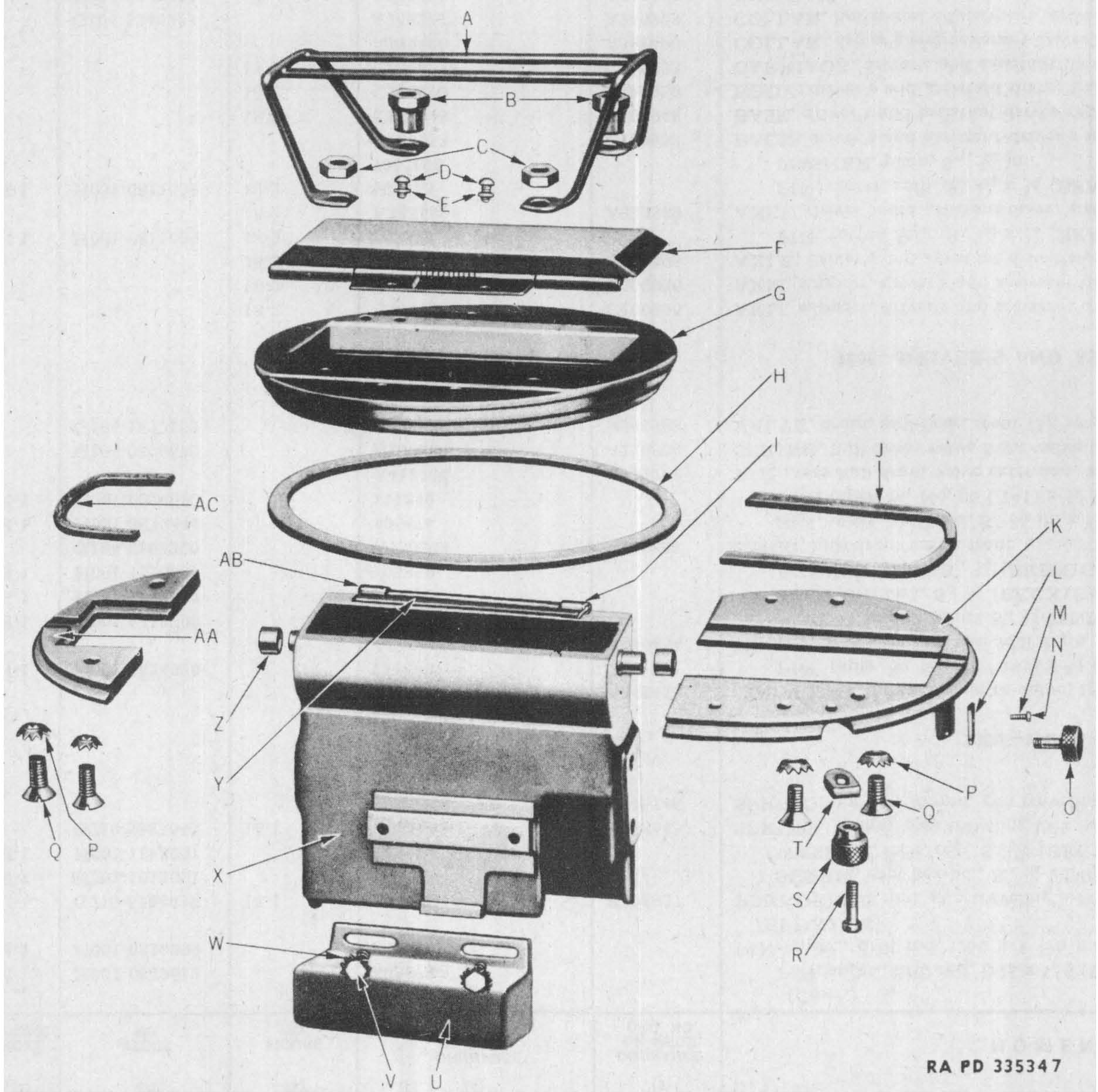



| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PIN | A381220 | 1803.3 |
| B | DOOR | D82050A | 1803.3 |
| C | HOUSING, ass'y | C97292B | 1803.3 |
| D | BUSHING | A381221 | 1803.3 |
| E | SPRING | A381222A | 1803.3 |
| F | RETAINER | A381219 | 1803.3 |
| G | KEY | BFGX1 | 1803.3 |
| H | WASHER | A381121 | 1803.3 |
| I | WASHER | 103326 | 1803.3 |
| J | NUT | 218197 | 1803.3 |
| K | NUT | 503274 | 1803.3 |
| L | WASHER | 103341 | 1803.3 |
| M | BOLT | 227540 | 1803.3 |
| N | NUT | A348815 | 1803.3 |
| O | SPRING | 7067183 | 1803.3 |
| P | LEVER | B289669 | 1803.3 |
| Q | PIN | 7067182 | 1803.3 |

RA PD 335333A

**FIGURE 18-3 — DRIVER'S DOOR — EXPLODED VIEW**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | **1803.3—DRIVER'S AND ASSISTANT DRIVER'S DOOR** | | |
| | 40501-01-513 | 18-3 | A381221 | A381221 | BUSHING, driver's and assistant driver's door hinge pin | 4 | |
| | | | A347189 | A347189 | CLIP, retaining, driver's and assistant driver's door lock lever | 2 | |
| | | | D82050B | D82050 | DOOR, assistant driver's (optional with DOOR, 7057671) | 1 | |
| | | | 7057671 | | DOOR, assistant driver's, assembly (optional with DOOR, D82050B) | 1 | |
| | | 18-3 | D82050A | D82050 | DOOR, driver's (optional with DOOR, 7057670) | 1 | |
| | | | 7057670 | | DOOR, driver's, assembly (optional with DOOR, D82050A) | 1 | |
| | G104-2217862 | 18-3 | C97292B | C97292 | HOUSING, periscope, assembly (also listed in Group 1903.21) | 2 | |
| H-1 | H001-0515012 | 18-3 | BGFX1 | BGFX1 | KEY, gib-head, taper, S., 3/16 sq. x 1 1/4 (driver's and assistant driver's door hinge pin) | 2 | |
| | | 18-3 | B289669 | B289669 | LEVER, release, driver's and assistant driver's door latch locking pin | 2 | |
| H-1 | H001-0116034 | 18-3 | 227540 | | BOLT, hex-hd., s-fin., alloy-S., 3/8-16NC-2 x 3 (BANX1CM) | 2 | |
| H-1 | H001-0725500 | 18-3 | 503274 | | NUT, safety, S., 3/8-16NC-3 (BBSX2AC) | 2 | |
| H-1 | H001-1530009 | 18-3 | 103341 | | WASHER, plain, S., 3/8 in. (BEBX1K) | 2 | |
| | | | B209999 | B209999 | LOCK, driver's and assistant driver's door, assembly (Includes: HOUSING, LEVER and SPRING) | 2 | |
| | | 18-3 | A348815 | A348815 | NUT, stop, driver's and assistant driver's door release lever | 2 | |
| | G104-5381220 | 18-3 | A381220 | A381220 | PIN, hinge, driver's and assistant driver's door | 2 | |
| | | 18-3 | 7067182 | | PIN, latch locking, driver's and assistant driver's door | 2 | |
| | G212-5381457 | | A381457 | A381457 | PLUNGER, driver's and assistant driver's door lock | 2 | |
| | G212-5381458 | | A381458 | A381458 | SCREW, hex-hd., S., 3/8-24NF-3 x 1 1/2 | 2 | |
| H-1 | H001-1517009 | | 110730 | | WASHER, lock, lgt., S., 3/8 in. (BECX2K) | 2 | |
| | G104-2340702 | | A297225 | A297225 | PLUNGER, driver's and assistant driver's door lock lever | 2 | |
| | G104-5381219 | 18-3 | A381219 | A381219 | RETAINER, driver's and assistant driver's door release lever spring | 2 | |
| H-1 | H001-0718028 | 18-3 | 218197 | | NUT, reg., hex., s-fin., S., 3/4-16NF-2 (BBBX2C) | 2 | |
| | G104-5381121 | 18-3 | A381121 | A381121 | WASHER, driver's and assistant driver's door release lever spring retainer (25/32 I.D., 1 5/8 O.D.) (special) | 2 | |
| H-1 | H001-1518015 | 18-3 | 103326 | | WASHER, lock, reg., S., 3/4 (BECX1R) | 2 | |
| | G212-7008936 | | A381222B | A381222 | SPRING, assistant driver's door | 1 | |
| | G212-5381222 | 18-3 | A381222A | A381222 | SPRING, driver's door | 1 | |
| | | 18-3 | 7067183 | | SPRING, driver's and assistant driver's door latch locking pin release lever | 2 | |
| | G104-2389842 | | A297216 | A297216 | SPRING, driver's and assistant driver's door lock lever plunger | 2 | |
| | | | | | **1804—GUN BARREL TRAVELING LOCK** | | |
| | | 18-1 | B210366 | B210366 | ARM, clamping, 76 mm. gun barrel traveling lock | 2 | |
| H-1 | H001-0830473 | 18-1 | 117882 | | PIN, stght., cold-fin., S., 1/2 x 2 1/4 (BFDX2EP) | 2 | |
| H-1 | H001-0829752 | | 505504 | | PIN, stght., drill rod, .15625 x 1 1/4 (BFDX1DT) | 2 | |
| | | 18-1 | B210166 | B210166 | ARM, latching, 76 mm. gun barrel traveling lock | 1 | |
| H-1 | H001-0830339 | | 103777 | | PIN, stght., cold-fin., S., .375 x 2 (BFDX2CM) | 1 | |
| H-2 | H002-0100120 | | 104918 | | BALL, chr-alloy-S., grade 2, 1/4 in. (76 mm. gun traveling lock jam) (CCAX1C) | 2 | |
| | | 18-1 | D52831 | D52831 | BRACKET, 76 mm. gun barrel traveling lock | 1 | |
| | | | A297154 | A297154 | PIN, hinge, 76 mm. gun barrel traveling lock bracket (hdls., .750 x 3 3/4) | 2 | |
| | | | | | *(Cont.)* | | |



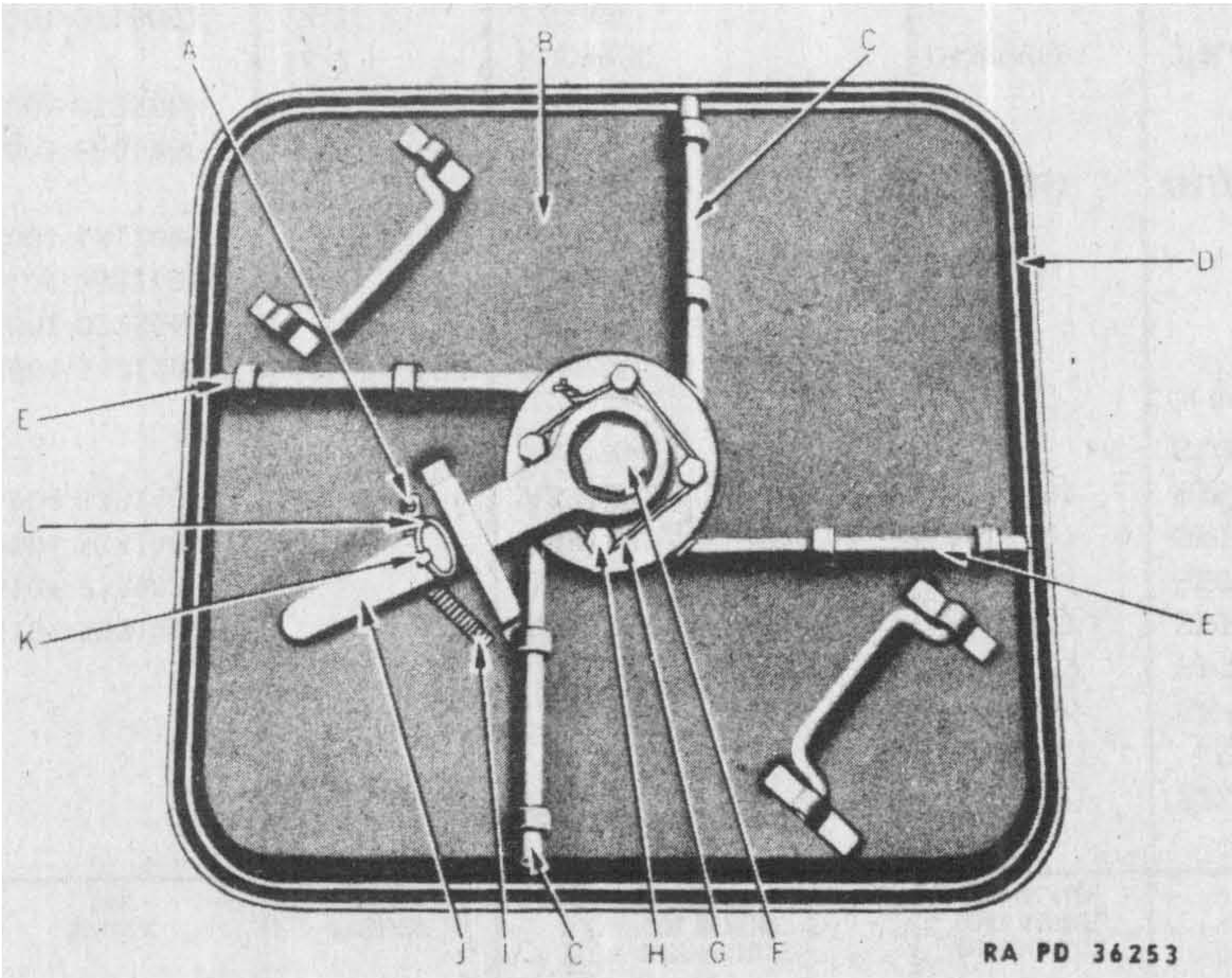

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | GUARD | C100914 | 1803.2-1903.21 |
| B | NUT | A381320 | 1803.2-1903.21 |
| C | NUT | 219703 | 1803.2-1903.21 |
| D | SCREW | 112872 | 1803.2-1903.21 |
| E | WASHER | 115545 | 1803.2-1903.21 |
| F | DOOR, ass'y | B257848 | 1803.2-1903.21 |
| G | SEGMENT | C96668 | 1803.2-1903.21 |
| H | PIECE | A226815 | 1803.2-1903.21 |
| I | CLIP | A248086A | 1803.2-1903.21 |
| J | PIECE | A348044C | 1803.2-1903.21 |
| K | SEGMENT | C96667B | 1803.2-1903.21 |
| L | PIECE | A226798 | 1803.2-1903.21 |
| M | WASHER | 115543 | 1803.2-1903.21 |
| N | SCREW | 225020 | 1803.2-1903.21 |
| O | KNOB | A226797 | 1803.2-1903.21 |
| P | WASHER | 114618 | 1803.2-1903.21 |
| Q | SCREW | 111636 | 1803.2-1903.21 |
| R | SCREW | 187330 | 1803.2-1903.21 |
| S | KNOB | A265219 | 1803.2-1903.21 |
| T | PIECE | A265218 | 1803.2-1903.21 |
| U | SHIELD | A263103B | 1803.2-1903.21 |
| V | SCREW | 216251 | 1803.2-1903.21 |
| W | WASHER | A246608H | 1803.2-1903.21 |
| X | HOLDER, ass'y | C115524 | 1803.2-1903.21 |
| Y | WIPER | A248087 | 1803.2-1903.21 |
| Z | BEARING | A227831 | 1803.2-1903.21 |
| AA | SEGMENT | C96667A | 1803.2-1903.21 |
| AB | CLIP | A248086B | 1803.2-1903.21 |
| AC | PIECE | A348044A | 1803.2-1903.21 |

RA PD 335347C

**FIGURE 18-4 — PERISCOPE HOUSING ASSEMBLY, C97292B — EXPLODED VIEW**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| H-1 | H001-0829612 | | 505578 | | PIN, stght., drill rod, .125 x 1½ (BFDX4U) | 2 | |
| H-1 | H001-0830099 | | 505531 | | PIN, stght., drill rod, .250 x 2 (76 mm. gun traveling lock latching arm stop) (BFDX2AM) | 1 | |
| | G210-6208937 | 18-1 | B208937 | B208937 | PLUNGER, 76 mm. gun traveling lock, assembly | 1 | |
| H-1 | H001-1013001 | | 193982 | | SCREW, cap, hex-hd., S., ¼-20NC-2 x ½ (BCAX3A) | 2 | |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., ¼ (BECX1G) | 2 | |
| | G210-5383643 | 18-1 | A383643 | A383643 | SPRING, 76 mm. gun traveling lock latching arm | 1 | |
| | | | A345746 | A345746 | SPRING, poppet, 76 mm. gun traveling lock (S., .537 free lgh.) | 2 | |
| | | | | | **1805—HULL DRAIN VALVE** | | |
| | | | A349455 | A349455 | COUPLING, rod extension to valve, rear hull drain valve | 2 | |
| H-1 | H001-0824020 | | 111840 | | PIN, taper, S., No. 00 (.141) x ¾ (BFCX1AB) | 4 | |
| | | | A349464 | A349464 | GUIDE, extension rod, rear hull drain valve | 2 | |
| H-1 | H001-5418300 | | 106274 | | SCREW, cap, hex-hd., S., ¼-28NF-3 x ⅝ (BCVX2BF) | 4 | |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, S., ¼ (BECX1G) | 4 | |
| H-1 | H001-1530007 | | 103339 | | WASHER, plain, S., ¼ (BEBX1G) | 4 | |
| | G104-0303390 | | A130803 | A130803 | KNOB, hull drain valve, front | 3 | |
| H-1 | H001-0829344 | | 505474 | | PIN, stght., drill rod, S., 3/32 in. x ½ in. (BFDX1BG) | 5 | |
| H-1 | H001-0824020 | | 111840 | | PIN, taper, S., No. 00 (.141) x ¾ (BFCX1AB) | 5 | |
| | | | A412702 | A412702 | ROD, rear hull drain valve extension, w/KNOB, assembly | 2 | |
| | G104-0306670 | | A130804 | A130804 | SPRING, hull drain valve front valve (3), rear valve (2) | 5 | |
| | G104-1827102 | | A244988 | A244988 | VALVE, drain, hull floor, front (3), rear (2) | 5 | |
| | | | | | **1806—DRIVER'S AND ASSISTANT DRIVER'S SEAT** | | |
| | | 18-2 | C100956 | C100956 | ARM, support, driver's and assistant driver's seat, lower, assembly | 2 | |
| | | 18-2 | B209956 | B209956 | ARM, support, driver's and assistant driver's seat, upper, assembly | 2 | |
| | | 18-2 | A381395 | A381395 | AXLE, driver's and assistant driver's seat, carriage (6), base (4) | 10 | |
| H-1 | H001-0811039 | 18-2 | 103373 | | PIN, cotter, split, S., 3/32 x ¾ (BFAX1CE) | 20 | |
| | | 18-2 | A383509 | A383509 | AXLE, driver's and assistant driver's seat sub-base | 2 | |
| H-1 | H001-0811039 | 18-2 | 103373 | | PIN, cotter, split, S., 3/32 x ¾ (BFAX1CE) | 4 | |
| | | | 7067696 | | WASHER, plain, S., 7/32 in. | 4 | |
| | | | C100953 | C100953 | BACK, driver's and assistant driver's seat, assembly | 2 | |
| | | 18-2 | C100948 | C100948 | BASE, driver's and assistant driver's seat, assembly | 2 | |
| | | 18-2 | C100950 | C100950 | BODY, driver's and assistant driver's seat, assembly | 2 | |
| | | 18-2 | C100953 | C100953 | CARRIAGE, driver's and assistant driver's seat, assembly | 2 | |
| | | | A381400 | A381400 | COLLAR, driver's and assistant driver's seat locking handle | 2 | |
| | G104-5246223 | | A246223 | A246223 | COLLAR, horizontal adjustment, driver's and assistant driver's seat | 2 | |
| | G104-5347203 | | A347203 | A347203 | CUSHION, assistant driver's seat sub-base, assembly | 1 | |
| H-1 | H001-5417600 | | 106319 | | BOLT, hex-hd., S., ¼-20NC-3 x ⅝ (BCVX2AF) | 4 | |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., ¼ (BECX1G) | 4 | |
| | G104-5600947 | 18-2 | C100947 | C100947 | CUSHION, driver's and assistant driver's seat, assembly | 2 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | B209961 | B209961 | GUIDE, horizontal adjustment, driver's and assistant driver's seat | 2 |
| H-1 | H001-0718001 | 18-2 | 220064 | | NUT, reg., hex., s-fin., S., ¼-20NC-2 (BBAX1A) | 4 |
| H-1 | H001-1030125 | 18-2 | 113956 | | SCREW, mach., rd-hd., S., ¼-20NC-2 x ⅝ (BCNX2CF) | 4 |
| H-1 | H001-1519009 | | 115547 | | WASHER, lock, internal teeth, reg., S., ¼ (BEAX1H) | 4 |
| | G104-6209958 | 18-2 | B209958 | B209958 | HANDLE, locking, driver's and assistant driver's seat, assembly | 2 |
| | | | A381396 | A381396 | KNOB, assistant driver's seat sub-base release handle | 1 |
| | | 18-2 | A381396 | A381396 | KNOB, driver's and assistant driver's seat vertical release handle | 2 |
| | | | A381403 | A381403 | LEVER, driver's and assistant driver's seat horizontal release | 2 |
| | | | 7067214 | | PAD, assistant driver's seat, assembly (attached to seat base) | 1 |
| H-1 | H001-5418220 | | 123298 | | BOLT, hex-hd., S., ¼-28NC-3 x ⅜ (BCVX2BB) | 4 |
| H-1 | H001-1519009 | | 115547 | | WASHER, lock, internal teeth, S., ¼ (BEAX1H) | 4 |
| | G212-5600959 | 18-2 | C100959 | C100959 | PAD, driver's and assistant driver's seat back, assembly | 2 |
| | | 18-2 | A381385 | A381385 | SCREW, self-tapping, oval-hd., S., No. 12 (.216)-24NC-2 | 12 |
| | | | A381406 | A381406 | PIN, driver's and assistant driver's seat horizontal adjustment collar | 2 |
| | G104-5381399 | | A381399 | A381399 | PIN, driver's and assistant driver's seat locking handle collar | 2 |
| | | | A381404 | A381404 | PIN, horizontal adjustment, driver's and assistant driver's seat | 2 |
| | | | A381405 | A381405 | PIN, pivot, driver's and assistant driver's seat horizontal release lever | 2 |
| H-1 | H001-0811039 | | 103373 | | PIN, cotter, split, S., 3/32 x ¾ (BFAX1CE) | 2 |
| | | | A381398 | A381398 | PLATE, bearing, driver's and assistant driver's seat, left | 2 |
| | | 18-2 | A381397 | A381397 | PLATE, bearing, driver's and assistant driver's seat, right | 2 |
| | | | 7067698 | | RELEASE, assistant driver's seat sub-base top support, assembly (Includes: DOGS and HANDLE) | 1 |
| | | 18-2 | B209954 | B209954 | RELEASE, vertical, driver's and assistant driver's seat, assembly (Includes: DOGS and HANDLE) | 3 |
| | | 18-2 | A381402 | A381402 | RETAINER, driver's and assistant driver's seat vertical adjustment spring | 2 |



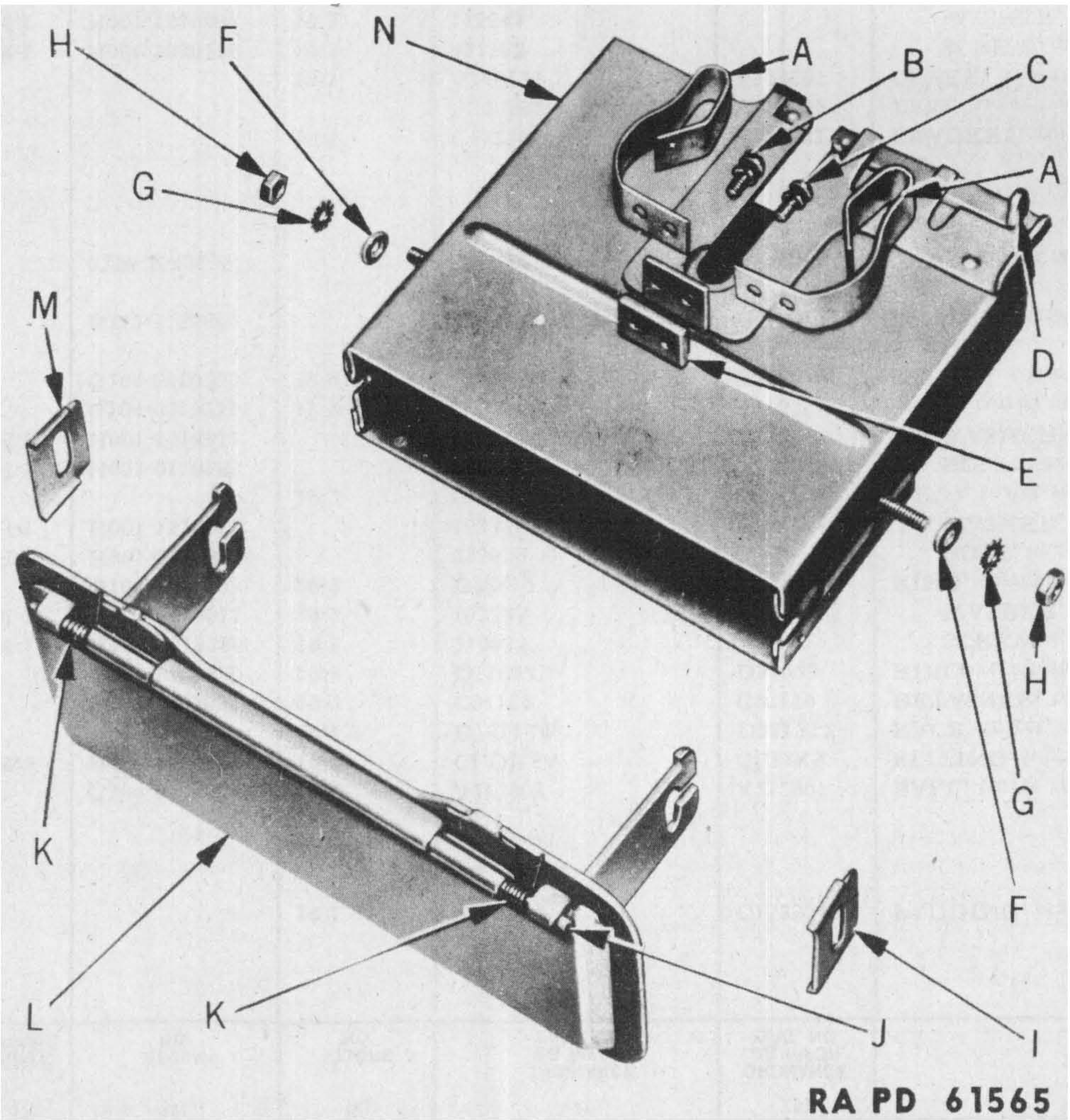

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SCREW | 191579 | 1803.11 |
| B | DOOR, ass'y | C96697A | 1803.11 |
| C | BOLT | B200147 | 1803.11 |
| D | GASKET | B183784 | 1803.11 |
| E | BOLT | B200146 | 1803.11 |
| F | SCREW | A383611 | 1803.11 |
| G | WIRE | BFWX1B | 1803.11 |
| H | SCREW | A226805 | 1803.11 |
| I | RACK | A226807 | 1803.11 |
| J | HANDLE | C96696 | 1803.11 |
| K | PAWL | A326749 | 1803.11 |
| L | RING | A345833 | 1803.11 |

RA PD 36253E

**FIGURE 18-5 — HULL FLOOR ESCAPE DOOR ASSEMBLY, E4162A**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | D78351 | D78351 | SEAT, driver's and assistant driver's, assembly (Includes: BACK assembly, BASE, CUSHIONS, SEAT and SUPPORT) | 2 | |
| | | | C100946 | C100946 | SECTOR, vertical adjustment, driver's seat, assembly | 2 | |
| | | 18-2 | B209959 | B209959 | SPRING, adjustment, driver's and assistant driver's seat | 4 | |
| | G104-5381401 | | A381401 | A381401 | SPRING, driver's and assistant driver's seat locking handle | 2 | |
| | G104-2389830 | | A246247 | A246247 | SPRING, horizontal release, driver's and assistant driver's seat | 2 | |
| | G104-5381407 | | A381407 | A381407 | SPRING, return, assistant driver's sub-base release handle | 1 | |
| | G104-5381407 | | A381407 | A381407 | SPRING, vertical adjustment, driver's and assistant driver's seat | 2 | |
| | | | 7067704 | | SUB-BASE, assistant driver's seat, assembly (Includes: AXLES, CUSHION assembly and RELEASE) | 1 | |
| H-1 | H001-5421260 | | 100026 | | BOLT, hex-hd., S., 3/8-24NF-3 x 1 (sub-base to seat) (BCVX2FL) | 4 | |
| H-1 | H001-0725660 | | 126005 | | NUT, lock, hex., S., 3/8-24NF-2 (sub-base to seat) | 4 | |
| | G104-2382199 | | A297091 | | SCREW, hex-hd., S., 3/8-24NF-2 x 5/8 (sub-base to sub-floor bracket) | 4 | |
| H-1 | H001-1517009 | | 110730 | | WASHER, lock, lgt., S., 3/8 (sub-base to sub-floor bracket) (BECX2K) | 4 | |
| | | | C100941 | C100941 | SUB-BASE, driver's seat, assembly | 1 | |
| H-1 | H001-5421260 | | 100026 | | BOLT, hex-hd., S., 3/8-24NF-3 x 1 (BCVX2FL) | 8 | |
| H-1 | H001-0725660 | | 126005 | | NUT, lock, hex., S., 3/8-24NF-2 | 8 | |
| | | 18-2 | B209960 | B209960 | TRACK, tube, horizontal, driver's and assistant driver's seat (right side) | 2 | |
| H-1 | H001-0718001 | 18-2 | 220064 | | NUT, reg., hex., s-fin., S., 1/4-20NC-2 (BBAX1A) | 8 | |
| H-1 | H001-1030135 | 18-2 | 113956 | | SCREW, mach., rd-hd., S., 1/4-20NC-2 x 5/8 (BCNX2CF) | 8 | |
| H-1 | H001-1519009 | | 115457 | | WASHER, lock, internal teeth, reg., S., 1/4 (BEAX1H) | 8 | |
| | | | | | **1808—STOWAGE BOXES, RACKS AND STRAPS** | | |
| | | | D90014 | D90014 | BOX, 50 caliber ammunition, assembly | 1 | |
| H-1 | H001-1013228 | | 216282 | | SCREW, cap, hex-hd., S., 5/16-24NF-2 x 1/2 (BCBX5D) | 6 | |
| H-1 | H001-1517008 | | 112723 | | WASHER, lock, lgt., S., 5/16 (BECX2H) | 6 | |
| | | | D82357 | D82357 | BOX, 76 mm. ammunition, assembly (30 rds.) | 1 | |
| H-1 | H001-0116275 | | 223623 | | BOLT, hex-hd., s-fin., alloy-S., 1/2-20NF-2 x 3/4 (BAOX1EA) | 6 | |
| H-1 | H001-1518011 | | 103323 | | WASHER, lock, reg., S., 1/2 (BECX1M) | 6 | |
| | | | D82349 | D82349 | BOX, 76 mm. ammunition, water protected, assembly (5 rds.) | 7 | |
| H-1 | H001-0117111 | | 225753 | | BOLT, hex-hd., s-fin., alloy-S., 1/2-20NF-2 x 3/4 (box to hull floor) (BAOX9EA) | 14 | |
| H-1 | H001-1518011 | | 103323 | | WASHER, lock, reg., S., 1/2 (box to hull floor) (BECX1M) | 14 | |
| | | | 7067447 | | BOX, flare, assembly | 1 | |
| | | | D90011 | D90011 | BOX, rations, assembly | 1 | |
| H-1 | H001-1013228 | | 216282 | | SCREW, cap, hex-hd., S., 5/16-24NF-2 x 1/2 (BCBX5D) | 4 | |
| H-1 | H001-1517008 | | 112723 | | WASHER, lock, lgt., S., 5/16 (BECX2H) | 4 | |
| | | | D82124 | D82124 | BOX, spare parts, assembly | 1 | |
| H-1 | H001-1013228 | | 216282 | | SCREW, cap, hex-hd., S., 5/16-24NF-2 x 1/2 (BCBX5D) | 4 | |
| H-1 | H001-1517008 | | 112723 | | WASHER, lock, lgt., S., 5/16 (BECX2H) | 4 | |
| | | | 7067085 | | BOX, stowage, assembly | 1 | |
| H-1 | H001-5421240 | | 106285 | | SCREW, cap, hex-hd., S., 3/8-24NF-3 x 7/8 (BCVX2FK) | 7 | |
| | | | 126005 | | NUT, lock, hex., S., 3/8-24NF-2 | 7 | |
| | | | D82136 | D82136 | CASE, 30 caliber ammunition, assembly | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| H-1 | H001-1013228 | | 216282 | | SCREW, cap, hex-hd., S., 5/16-24NF-2 x 1/2 (BCBX5D) | 4 |
| H-1 | H001-1517008 | | 112723 | | WASHER, lock, lgt., S., 5/16 (BECX2H) | 4 |
| | | | C152367 | C152367 | RACK, musette bags, assembly | 1 |
| H-1 | H001-1013228 | | 216282 | | SCREW, cap, hex-hd., S., 5/16-24NF-2 x 1/2 (BCBX5D) | 4 |
| H-1 | H001-1517008 | | 112723 | | WASHER, lock, lgt., S., 5/16 (BECX2H) | 4 |
| | | | D90016 | D90016 | RACK, water container, assembly | 1 |
| H-1 | H001-1013228 | | 216282 | | SCREW, cap, hex-hd., S., 5/16-24NF-2 x 1/2 (BCBX5D) | 6 |
| H-1 | H001-1517008 | | 112723 | | WASHER, lock, lgt., S., 5/16 (BECX2H) | 6 |
| | | | 7067599 | | STRAP, musette bag rack, w/BUCKLE, assembly | 1 |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | CLIP | A294457 | 1803.2 |
| B | SCREW | 110500 | 1803.2 |
| C | WASHER | 106497 | 1803.2 |
| D | LATCH | A281903 | 1803.2 |
| E | PIECE | A294456 | 1803.2 |
| F | WASHER | 103339 | 1803.2 |
| G | WASHER | 115547 | 1803.2 |
| H | NUT | 220064 | 1803.2 |
| I | WASHER | A246489B | 1803.2 |
| J | PIN (furnished only as part of COVER ass'y, C100203) | | 1803.2 |
| K | SPRING (furnished only as part of COVER ass'y, C100203) | | 1803.2 |
| L | COVER, ass'y | C100203 | 1803.2 |
| M | WASHER | A246489A | 1803.2 |
| N | BODY, ass'y | C100201 | 1803.2 |

RA PD 61565E

FIGURE 18-6 — STATIONARY PERISCOPE HOLDER ASSEMBLY, C100200 — EXPLODED VIEW

# GROUP 19 — TURRET

## 1901—CRASH PAD

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | 19-1 | C152534 | C152534 | PADDING, crash, turret interphone control box | 1 | |

## 1901.1—TURRET RACE ASSEMBLY

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0300079 | 19-2 | A212907 | A212907 | BALL, turret race (1¼ diam.) | 150 | |
| H-2 | H002-0504208 | 19-2 | CLDX5A | CLDX5 | FITTING, lubricating, stght., ⅛-27NPT, male, short (turret race) | 3 | |
| | | 19-1,2 | D78125A | D78125 | RACE, turret, assembly | 1 | |
| | G104-1767632 | 19-2 | C97179 | C97179 | RETAINER, ball, turret race, assembly (steel) | 15 | |
| | G104-1769820 | 19-2 | D51023 | D51023 | RING, retaining, turret race ball | 1 | |
| H-1 | H001-1013286 | 19-2 | 216834 | | SCREW, cap, hex-hd., S., ½-20NF-2 x 1¾ (BCBX1EF) | 48 | |
| H-1 | H001-1518011 | 19-2 | 103323 | | WASHER, lock, reg., S., ½ (BECX1M) | 48 | |
| | G104-3042603 | 19-2 | D78110 | D78110 | RING, turret race, lower | 1 | |
| H-1 | H001-0118094 | | 225639 | | BOLT, hex-hd., s-fin., alloy-S., dld. f/lkg-wire., ¾-16NF-2 x 1¾ (BAOX8CD) | 40 | |
| H-1 | H001-1516015 | | 103332 | | WASHER, lock, reg., S., ¾ (BECX3R) | 40 | |
| | | 19-2 | D81922 | D81922 | RING, turret race, upper | 1 | |
| H-1 | H001-0116283 | | 223630 | | BOLT, hex-hd., s-fin., alloy-S., ½-20NF-2 x 2¼ (BAOX1EH) | 26 | |
| H-1 | H001-1518011 | | 103323 | | WASHER, lock, reg., S., ½ (BECX1M) | 26 | |
| | G104-6210231 | 19-2 | B210231 | B210231 | SEAL, turret race lower ring | 1 | |
| | G104-6210230 | 19-2 | B210230 | B210230 | SPRING, turret race lower ring seal, assembly (optional with SPRING, G212-7156842) | 1 | |
| | G212-7156842 | | 7156842 | | SPRING, turret race lower ring seal, assembly (optional with SPRING, G104-6210230) | 1 | |
| | 22W-1642125 | | BFWX1B | BFWX1 | WIRE, turret race locking, steel, low carbon, bright anld., .0625 diam. | as req. | |

## 1901.21—TURRET TRAVERSING LOCK

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | 19-3 | C152381 | C152381 | BRACKET, turret traversing lock | 1 | |
| | | | B300592 | B300592 | CAM, turret traversing lock | 1 | |
| | | 19-3 | A349121 | A349121 | COVER, turret traversing lock plunger | 1 | |
| H-1 | H001-1030188 | 19-3 | 421780 | | SCREW, mach., rd-hd., S., No. 5 (.125)-44NF-2 x 3/16 (BCOX1DB) | 2 | |
| H-1 | H001-1519004 | 19-3 | 115543 | | WASHER, lock, internal teeth, reg., S., No. 6 (BEAX1D) | 2 | |
| H-2 | H002-0101880 | 19-3 | 507609 | | CUP, oil, drive type, ¼ diam. (turret traversing lock) (CLFX2A) | 1 | |
| | G197-5652380 | 19-1,3 | C152380 | C152380 | LOCK, turret traversing, assembly | 1 | |
| | G183-5415022 | 19-3 | A336340A | A336340 | SCREW, cap, turret traversing lock (hex-hd., S., ½-20NF-2 x 1⅛) | 2 | |
| | G183-5415023 | | A336340B | A336340 | SCREW, cap, turret traversing lock (hex-hd., S., ½-20NF-2 x 1⅜) | 2 | |
| | G183-5348895 | 19-3 | A348895 | A348895 | WASHER, tapered, turret traversing lock (split, S., .505 I.D.) | 4 | |
| | | 19-3 | B300472 | B300472 | PAWL, turret traversing lock | 1 | |
| | | | A349506 | A349506 | PIN, stop, turret traversing lock plunger (stght., drill rod, .188 x 9/16) | 2 | |
| | G212-5652408 | 19-3 | C152408 | C152408 | PLUNGER, turret traversing lock | 1 | |
| | G104-5349122 | 19-3 | A349122 | A349122 | ROD, turret traversing lock plunger | 1 | |
| | G183-5415025 | 19-3 | A336377B | A336377 | PIN, turret traversing lock plunger rod to pawl | 1 | |
| | G212-5349204 | 19-3 | A349204 | A349204 | SPRING, compression, turret traversing lock pawl | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-5349203 | 19-3 | A349203 | A349203 | SPRING, turret traversing lock plunger | 1 |
| | 22W-1642125 | | BFWX1B | BFWX1 | WIRE, locking, steel, low carbon, bright anld., .0625 diam. (turret traversing lock) | as req. |

### 1901.25—TURRET, 76 mm. GUN TRAVELING LOCK, ASSEMBLY 7053894 (Used on Vehicles Serial No. 1 Through 1440)

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 7053864 | | BODY, turret 76 mm. gun traveling lock | 1 |
| | | | 7053861 | | BOLT, operating, turret 76 mm. gun traveling lock (eye, S., 5/8-18NF-3 x 4 3/16) | 1 |
| H-1 | H001-0811051 | | 108630 | | PIN, cotter, split, S., 1/8 x 7/8 (BFAX1DF) | 2 |
| H-1 | H001-0822083 | | 505117 | | PIN, headless, S., 1/2 diam. x 1.3 clear (BFEX2BE) | 1 |
| | | | 7053866 | | HOOK, turret 76 mm. gun traveling lock | 1 |
| | | | 7053857 | | LEVER, hand, turret 76 mm. gun traveling lock | 1 |
| H-1 | H001-0811051 | | 108630 | | PIN, cotter, split, S., 1/8 x 7/8 (BFAX1DF) | 2 |
| H-1 | H001-0811054 | | 103387 | | PIN, cotter, split, S., 1/8 x 1 1/2 (BFAX1DK) | 1 |
| H-1 | H001-0822087 | | 505121 | | PIN, headless, S., 1/2 diam. x 1.8 clear (BFEX2BK) | 1 |
| | | | 7053858 | | PIN, turret 76 mm. gun traveling lock hand lever (stght., S., .070 groove, 1/32 x 1.250) | 1 |
| | | | 7053854 | | LEVER, rocker, turret 76 mm. gun traveling lock | 2 |
| H-1 | H001-5427900 | | 106308 | | BOLT, hex-hd., S., 5/8-18NF-3 x 2 1/4 (BCVX2QX) | 1 |
| H-1 | H001-4185760 | | 114498 | | NUT, hex., s-fin., S., 5/8-18NF-2 (BBXX1QB) | 3 |
| H-1 | H001-1530013 | | 103345 | | WASHER, plain, S., 5/8 (BEBX1P) | 1 |
| | | | 7053877 | | LINK, turret 76 mm. gun traveling lock hand lever to rocker lever | 2 |
| H-1 | H001-0811051 | | 108630 | | PIN, cotter, split, S., 1/8 x 7/8 (BFAX1DF) | 2 |
| H-1 | H001-0822087 | | 505121 | | PIN, headless, S., 1/2 diam. x 1.8 clear (BFEX2BK) | 1 |
| | | | 7053894 | | LOCK, turret 76 mm. gun traveling lock, assembly (Old Style) (used on first 1440 vehicles) | 1 |
| | | | 7053862 | | NUT, adjusting, turret 76 mm. gun traveling lock operating bolt to hook (hex., S., 5/8 (L.H.) 18 NF-2 x 3/4, 5/8 (R.H.) 18NF-2 x 3/4) | 1 |
| H-1 | H001-4185760 | | 114498 | | NUT, jam, hex., s-fin., S., 5/8-18NF-2 (turret 76 mm. gun traveling lock hook) (BBXX1QB) | 1 |
| | | | 7053871 | | NUT, jam, turret 76 mm. gun traveling lock operating bolt (hex., S., 5/8 (L.H.) 18 NF-2) | 1 |
| | | | 7053863 | | SPRING, bumper, turret 76 mm. gun traveling lock | 1 |

### 1901.26—TURRET 76 mm. GUN TRAVELING LOCK, ASSEMBLY 7069718 (Used on Vehicles Serial No. 1441 and Up)

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 7069720 | | BODY, turret 76 mm. gun traveling lock | 1 |
| | | | 7069724 | | BOLT, eye, turret 76 mm. gun traveling lock | 2 |
| H-1 | H001-0811051 | | 108630 | | PIN, cotter, split, S., 1/8 x 7/8 (BFAX1DF) | 1 |
| | | | 7069729 | | PIN, headless, turret 76 mm. gun traveling lock | 1 |
| | | | 7069721 | | HOOK, turret 76 mm. gun traveling lock | 1 |
| | | | 7069719 | | LEVER, hand, turret 76 mm. gun traveling lock | 1 |
| H-1 | H001-0811054 | | 103387 | | PIN, cotter, split, S., 1/8 x 1 1/2 (BFAX1DK) | 1 |
| | | | 7069727 | | PIN, headless, turret 76 mm. gun traveling lock | 1 |
| | | | 7069722 | | LEVER, rocker, turret 76 mm. gun traveling lock | 2 |
| | | | 7069728 | | BOLT, turret 76 mm. gun traveling lock | 1 |
| H-1 | H001-0725660 | | 503350 | | NUT, safety, S., 3/8-24NF-3 (BBSX4AC) | 1 |
| H-1 | H001-1531004 | | 106263 | | WASHER, plain, S., U.S. std., 3/8 (BEBX2D) | 1 |

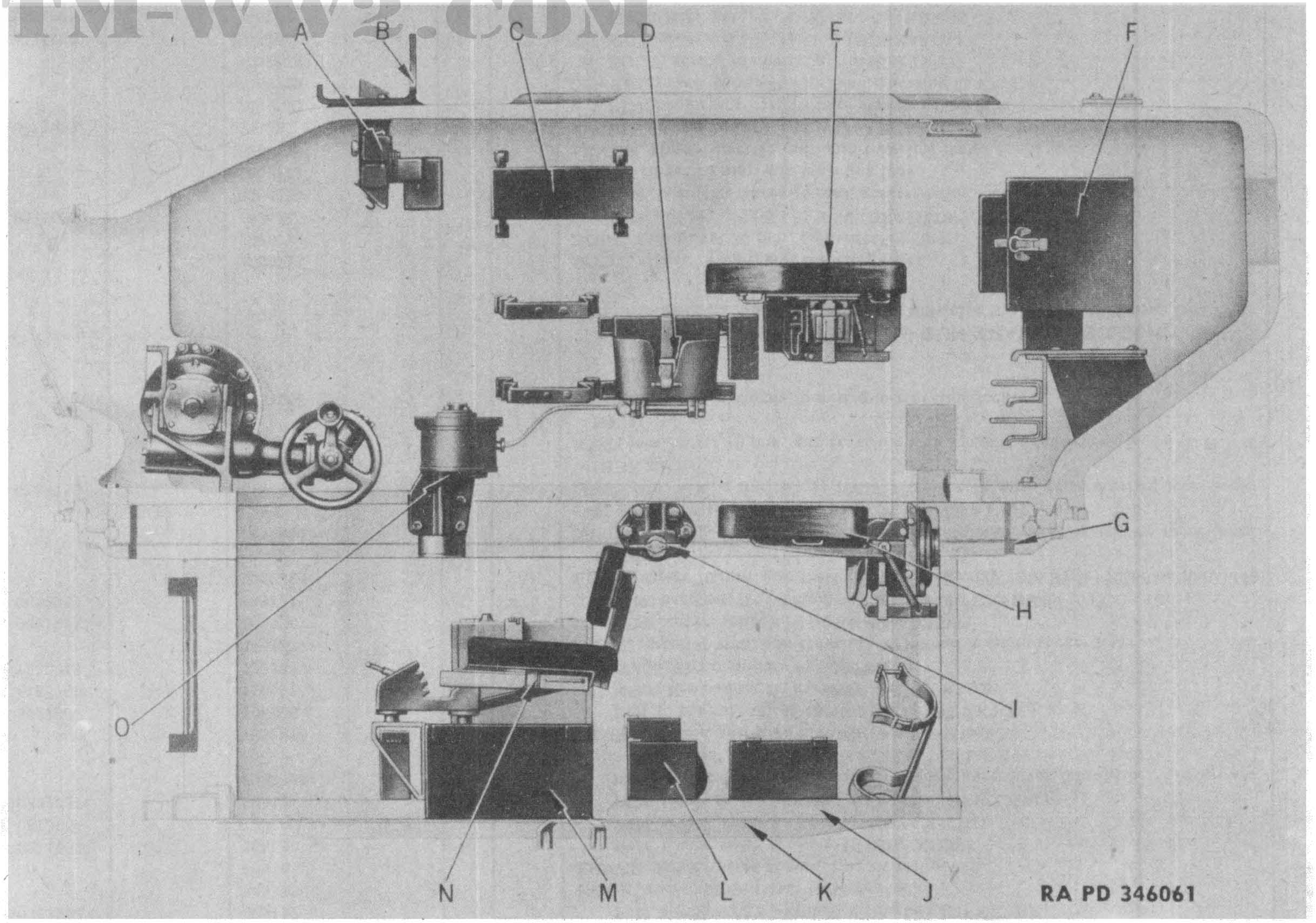



**FIGURE 19-1 — TURRET AND PLATFORM — SIDE VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | HOLDER | C152803 | 1903.25 |
| B | VANE | D82199 | 1903.25 |
| C | PADDING | C152534 | 1901 |
| D | BRACKET | D82198 | 1906 |
| E | SEAT, ass'y | D52897 | 1901.35 |
| F | BOX, ass'y | D90039 | 1906 |
| G | RACE, ass'y | D78125 | 1901.1 |
| H | SEAT, ass'y | D52882 | 1901.35 |
| I | LOCK, ass'y | C152380 | 1901.21 |
| J | BOX, ass'y | D82355 | 1906 |
| K | BOX, ass'y | D50157 | 1906 |
| L | BOX, ass'y | D82340 | 1906 |
| M | BOX, ass'y | 7067056 | 1906 |
| N | SEAT, ass'y | D90025 | 1901.31 |
| O | INDICATOR | 7068178 | 2209.1 |

RA PD 346061A

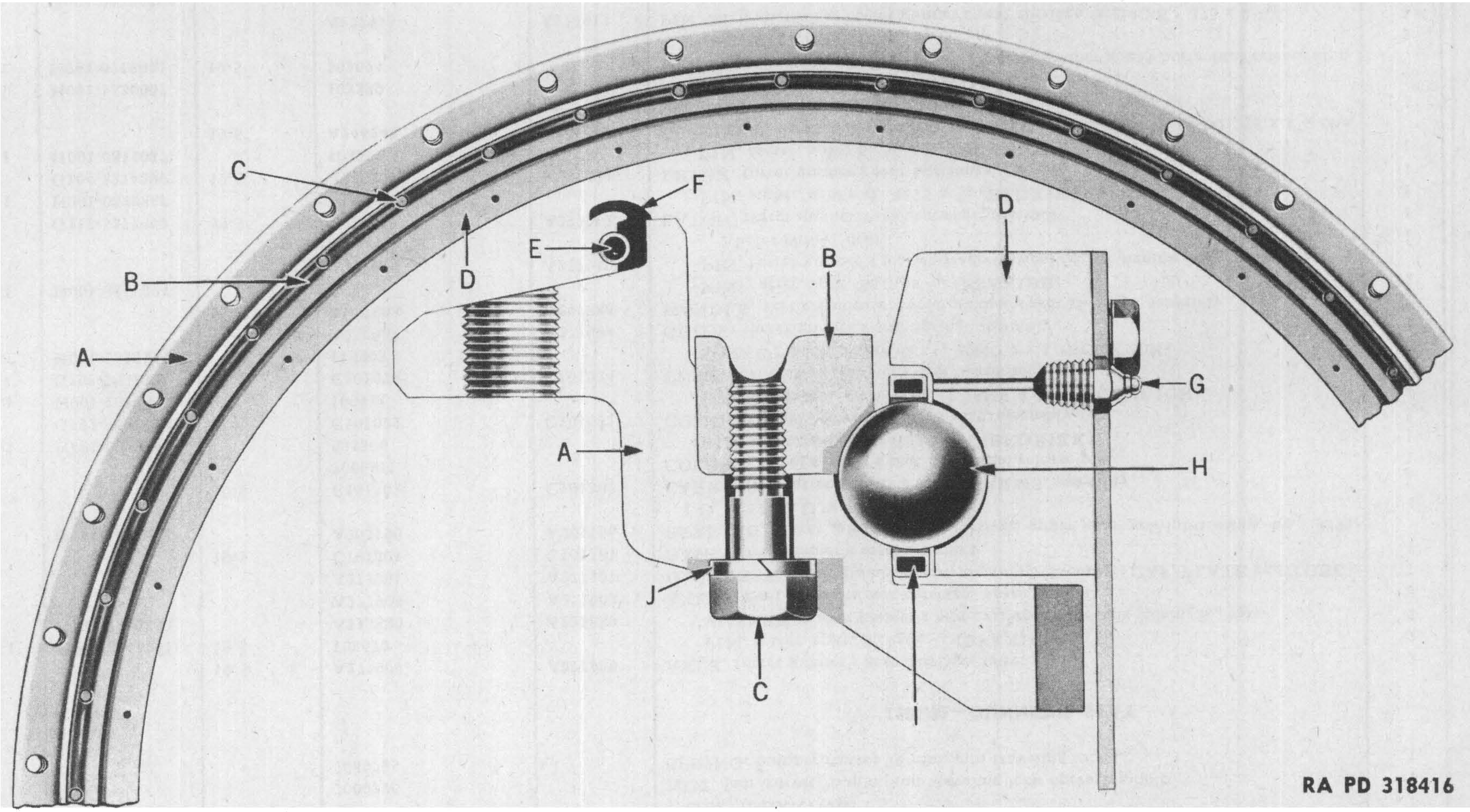



FIGURE 19-2 — TURRET RACE ASSEMBLY, D78125A

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | RING | D78110 | 1901.1 |
| B | RING | D51023 | 1901.1 |
| C | SCREW | 216834 | 1901.1 |
| D | RING | D81922 | 1901.1 |
| E | SPRING | B210230 | 1901.1 |
| F | SEAL | B210231 | 1901.1 |
| G | FITTING | CLDX5A | 1901.1 |
| H | BALL | A212907 | 1901.1 |
| I | RETAINER | C97179 | 1901.1 |
| J | WASHER | 103323 | 1901.1 |

RA PD 318416C

# GROUP 19 — TURRET



| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | 7069723 | | LINK, turret 76 mm. gun traveling lock hand lever to rocker lever | 2 | |
| | | | 7069731 | | PIN, turret 76 mm. gun traveling lock hand lever link | 2 | |
| H-1 | H001-1530008 | | 103340 | | WASHER, plain, S., SAE std., 5/16 (BEBX1H) | 2 | |
| | | | 7069718 | | LOCK, turret 76 mm. gun traveling lock, assembly (used in production beginning with vehicle serial No. 1441) | 1 | |
| | | | 7069730 | | NUT, adjusting, turret 76 mm. gun traveling lock operating bolt to hook | 1 | |
| H-1 | H001-4185840 | | 114500 | | NUT, jam, light, hex., s-fin., S., 7/8-14NF-2 (turret 76 mm. gun traveling lock hook) (BBXX1WB) | 1 | |
| | | | 7069726 | | NUT, jam, turret 76 mm. gun traveling lock operating bolt | 1 | |
| | | | 7069725 | | SPRING, bumper, turret 76 mm. gun traveling lock | 1 | |
| | | | | | **1901.31—GUNNER'S SEAT** | | |
| | | 19-5 | A277909 | A277909 | AXLE, turret gunner's seat carriage, lower | 2 | |
| H-1 | H001-0811281 | 19-5 | 108629 | | PIN, cotter, split, S., 3/32 x 7/8 (BFAX1CF) | 2 | |
| | G137-0442650 | | A233880 | A233880 | WASHER, turret gunner's seat carriage lower axle (plain, S., 1/2) | 2 | |
| | | | A277908 | A277908 | AXLE, turret gunner's seat carriage, upper | 2 | |
| | | | A277901 | A277901 | BACKREST, turret gunner's seat, assembly (Includes: CAP, PLATE and TUBE) | 1 | |
| | | 19-5 | C101301 | C101301 | BASE, turret gunner's seat, assembly | 1 | |
| | G104-1518097 | | A265196 | A265196 | BEARING, turret gunner's seat carriage upper axle (self-lubricating, bz., .4395 I.D. x .571 O.D. x 1/2 width) | 4 | |
| | | 19-5 | C101302 | C101302 | CARRIAGE, turret gunner's seat, w/ARMS, assembly | 1 | |
| | | | 7066971 | | COLLAR, turret gunner's seat horizontal release pin | 1 | |
| H-1 | H001-0829847 | | 505506 | | PIN, stght., drill rod, .1875 x 5/8 (BFDX1EK) | 1 | |
| | G197-5601022 | 19-5 | C101022 | C101022 | CUSHION, back, turret gunner's seat, assembly | 1 | |
| H-1 | H001-1030675 | | 190921 | | SCREW, mach., rd-hd., S., 1/4-28NF-2 x 3/4 (BCOX1.1CH) | 4 | |
| | G197-5601024 | 19-5 | C101024 | C101024 | CUSHION, bottom, gunner's seat, assembly | 1 | |
| H-1 | H001-1023137 | | 113993 | | SCREW, mach., fl-hd., S., 1/4-20NC-2 x 1 (BCKX2CK) | 6 | |
| | | | A277904 | A277904 | GUIDE, turret gunner's seat spring, assembly | 1 | |
| | | 19-5 | A277888 | A277888 | HANDLE, vertical release, turret gunner's seat carriage, assembly | 1 | |
| H-1 | H001-0811024 | | 137130 | | PIN, cotter, split, S., 1/16 x 7/16 (BFAX1BB) | 2 | |
| | | | A277910 | A277910 | PIN, turret gunner's seat carriage vertical release handle (stght., S., 3/16 x 1 1/8, 2 holes No. 47 drill) | 1 | |
| | G212-5277912 | 19-5 | A277912 | A277912 | LATCH, turret gunner's seat carriage, assembly | 1 | |
| H-1 | H001-0829847 | | 505506 | | PIN, stght., drill rod, .1875 x 5/8 (BFDX1EK) | 1 | |
| | G104-2274299 | 19-5 | A246224 | A246224 | LEVER, turret gunner's seat horizontal release | 1 | |
| H-1 | H001-0811037 | | 103372 | | PIN, cotter, split, S., 3/32 x 1/2 (BFAX1CC) | 1 | |
| | | 19-5 | A246248 | A246248 | RIVET, turret gunner's seat horizontal release lever (S., b-hd., 1/4 x 1 7/16 one drill hole No. 36 (.107) | 1 | |
| H-1 | H001-1530007 | | 103339 | | WASHER, plain, S., 1/4 (BEBX1G) | 1 | |
| H-1 | H001-0718021 | 19-5 | 103024 | | NUT, reg., hex., s-fin., S., 1/4-28NF-2 (turret gunner's seat horizontal release stop screw) (BBTX1BB) | 2 | |
| | | | A277913 | A277913 | PIN, latch operating, turret gunner's seat carriage (stght., S., .375 x 2 3/16) | 1 | |
| H-1 | H001-0829580 | | 505484 | | PIN, stght., drill rod, .125 x 9/16 (BFDX1CH) | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-2338691 | 19-5 | A246240 | A246240 | PIN, turret gunner's seat horizontal release (stght., S., 3/8 x 2 9/16, one drill hole 3/16) | 1 |
| | | | C101303 | C101303 | RELEASE, horizontal, turret gunner's seat, assembly | 1 |
| | G104-1773475 | 19-5 | A227962 | A227962 | ROLLER, turret gunner's seat carriage upper axle (S., .570 I.D. x 1.000 O.D. x 1/2 width) | 4 |
| H-1 | H001-1030671 | 19-5 | 142344 | | SCREW, mach., rd-hd., S., 1/4-28NF-2 x 3/8 (stop, turret gunner's seat horizontal release) (BCOX1.1CD) | 2 |
| | | 19-1,5 | D90025 | D90025 | SEAT, gunner's turret, assembly | 1 |
| H-1 | H001-1013245 | | 215992 | | SCREW, cap, hex-hd., S., 3/8-24NF-2 x 1 (BCBX1CC) | 4 |
| H-1 | H001-1518009 | | 103321 | | WASHER, lock, reg., S., 3/8 (BECX1K) | 4 |
| | G212-5277906 | 19-5 | A277906 | A277906 | SPRING, elevating, turret gunner's seat | 1 |
| | G104-2389830 | 19-5 | A246247 | A246247 | SPRING, turret gunner's seat horizontal release (1), carriage latch (1) | 2 |
| H-1 | H001-1519009 | 19-5 | 115547 | | WASHER, lock, internal teeth, reg., S., 1/4 (turret gunner's seat horizontal release stop screw) (BEAX1H) | 2 |
| H-1 | H001-1530010 | | 103342 | | WASHER, plain, S., 7/16 (turret gunner's seat carriage upper axle) (BEBX1L) | 4 |

## 1901.35—LOADER'S AND COMMANDER'S SEAT

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | C101292 | C101292 | BACKREST, turret loader's seat, assembly (Includes: CUSHION, PIN assemblies and SUPPORT) | 1 |
| H-1 | H001-1013284 | | 216031 | | SCREW, cap, hex-hd., S., 1/2-20NF-2 x 1 1/4 (BCBX1ED) | 2 |
| H-1 | H001-1518011 | | 103323 | | WASHER, lock, reg., S., 1/2 (BECX1M) | 2 |
| | G104-5165571 | 19-4 | A165571 | A165571 | BRACKET, turret loader's and commander's seat safety belt | 4 |
| H-1 | H001-1013004 | 19-4 | 216958 | | SCREW, cap, hex-hd., S., 1/4-20NC-2 x 7/8 (BCAX1AB) | 8 |
| H-1 | H001-1519009 | | 115547 | | WASHER, lock, internal teeth, reg., S., 1/4 (BEAX1H) | 8 |
| | | | C101256 | C101256 | BRACKET, turret loader's and commander's seat support, assembly | 2 |
| | G212-6552881 | 19-4 | D52881 | D52881 | CUSHION, turret loader's and commander's seat, assembly | 2 |
| H-1 | H001-1013006 | | 213667 | | SCREW, cap, hex-hd., S., 1/4-20NC-2 x 1 1/4 (loader's seat cushion to support) (BCAX1AD) | 4 |
| H-1 | H001-1023138 | | 113994 | | SCREW, mach., fl-hd., S., 1/4-20NC-2 x 1 1/8 (commander's seat cushion to adapter plate) (BCKX2CL) | 4 |
| H-1 | H001-1519009 | | 115547 | | WASHER, lock, internal teeth, reg., S., 1/4 (loader's seat cushion to support) (BEAX1H) | 4 |
| | G104-5347203 | | A347203 | A347203 | CUSHION, turret loader's seat backrest, assembly | 1 |
| H-1 | H001-5417600 | | 106319 | | BOLT, hex-hd., S., 1/4-20NC-3 x 5/8 (BCVX2AF) | 4 |
| | | | B210529 | B210529 | GUIDE, turret loader's and commander's seat back plate, left, assembly | 1 |
| | | 19-4 | A277794 | A277794 | GUIDE, turret loader's and commander's seat back plate, right | 1 |
| | | 19-4 | A277789 | A277789 | LEVER, release, turret loader's and commander's seat back plate | 2 |
| H-1 | H001-0829600 | | 505492 | | PIN, stght., drill rod, .125 x 1 (BFDX1CR) | 2 |
| | | | A227788 | A227788 | PIN, turret loader's and commander's seat back plate release lever | 1 |
| | | | B284717 | B284717 | PIN, locking, turret loader's seat backrest, assembly (Includes: CHAIN and HOOK) | 1 |
| | | 19-4 | B210581 | B210581 | PLATE, adapter, turret commander's seat cushion, assembly | 1 |
| H-1 | H001-4167520 | 19-4 | 103024 | | NUT, reg., hex., s-fin., S., 1/4-28NF-2 (commander's seat only) (BBTX1BB) | 4 |
| H-1 | H001-1519009 | | 115547 | | WASHER, lock, internal teeth, reg., S., 1/4 (BEAX1H) | 4 |
| | | | C101311 | C101311 | PLATE, back, turret loader's and commander's seat, assembly | 2 |
| | | 19-4 | 7054127 | | PLATE, mounting, turret loader's and commander's seat back plate, assembly | 1 |
| | G212-6552897 | 19-1,4 | D52897 | D52897 | SEAT, commander's, turret, assembly | 1 |
| | G212-6552882 | 19-1 | D52882 | D52882 | SEAT, loader's turret, assembly | 1 |
| H-1 | H001-0725660 | 19-4 | 503350 | | NUT, safety, S., 3/8-24NF-3 (BBSX4AC) | 8 |
| H-1 | H001-1013247 | 19-4 | 216793 | | SCREW, cap, hex-hd., S., 3/8-24NF-2 x 1 1/2 (BCBX1CE) | 8 |
| | G122-5415001 | 19-4 | A297064A | A297064 | SHAFT, turret loader's and commander's seat support | 1 |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | A277790 | A277790 | SHIM, turret loader's and commander's seat back plate | 8 | |
| | | 19-4 | A277791 | A277791 | SPACER, turret loader's and commander's seat back plate | 4 | |
| | G104-0306740 | 19-4 | A213183 | A213183 | SPRING, tension, turret loader's and commander's seat support | 2 | |
| | | | A277787 | A277787 | SPRING, turret loader's and commander's seat back plate release lever | 2 | |
| | | | C101257 | C101257 | SUPPORT, turret loader's and commander's seat, assembly (Includes: BRACKET, SHAFT and SPRING) | 2 | |
| | G104-5615795 | 19-4 | C115795 | C115795 | SUPPORT, turret loader's and commander's seat support | 2 | |
| | | | B210548 | B210548 | SUPPORT, turret loader's seat backrest, assembly | 1 | |
| H-1 | H001-0811039 | | 103373 | | PIN, cotter, split, S., 3/32 x 3/4 (BFAX1CE) | 2 | |
| | | | A347057 | A347057 | PIN, turret loader's seat backrest support (stght., S., 7/16 x 5 1/8, 2 No. 36 (.107) drill holes) | 1 | |

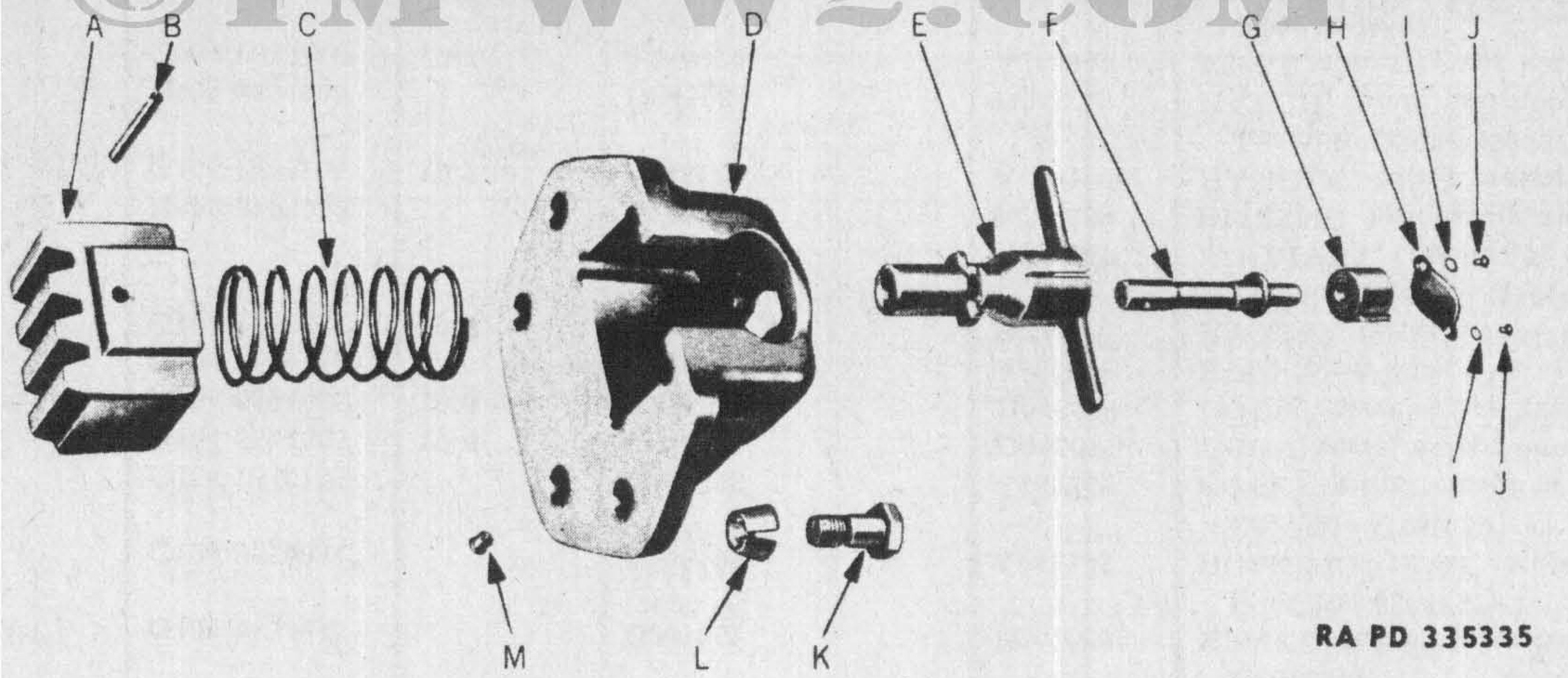
**1903.11—COMMANDER'S CUPOLA**

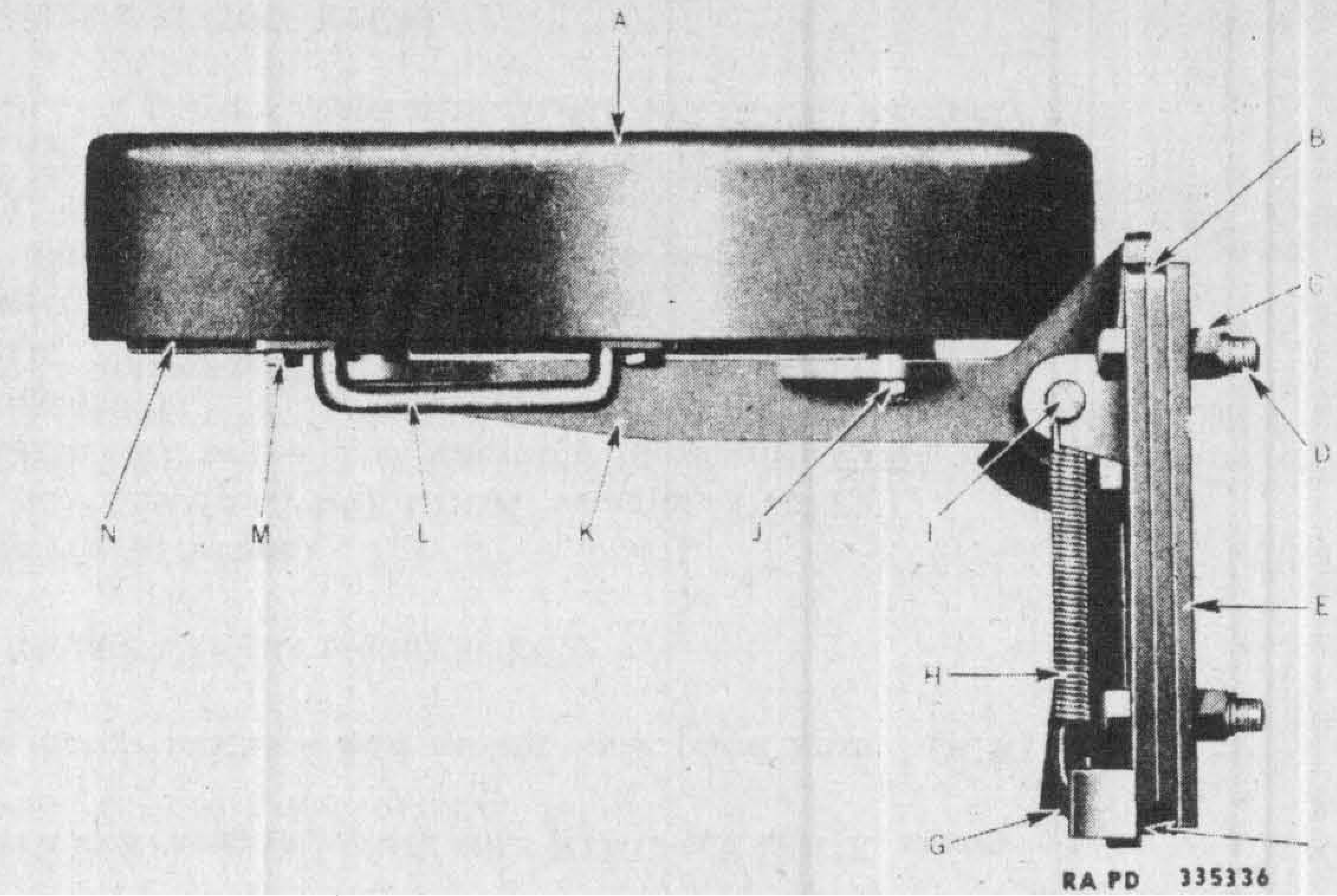
| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-7008799 | | A412521B | A412521 | BALL, commander's cupola door ring (S., .4375 diam.) | 61 | |
| | G104-5412521 | | A412521A | A412521 | BALL, commander's cupola door ring (S., .5000 diam.) | 61 | |
| | G104-5349437 | 19-8 | A349437 | A349437 | BEARING, bushing type, commander's cupola door hinge (steel backed, self-lubricating, bz., 1.752 I.D. x 2.500 O.D. x 1 1/4 width) | 2 | |
| | G183-6300791 | | B300791 | B300791 | BEZEL, commander's cupola block, w/GASKET, assembly | 6 | |
| | G197-5412461 | 19-8 | A412461 | A412461 | SCREW, commander's cupola bezel to cupola (truss-hd., S., 1/4-28NF-2) | 84 | |
| | G183-6300790 | 19-8 | B300790 | B300790 | BLOCK, commander's cupola | 6 | |
| | G104-5349647 | | A349647 | A349647 | CAM, commander's cupola door catch | 2 | |
| | G183-6300619 | | B300619 | B300619 | CAP, access, commander's cupola door ring bell | 1 | |
| | H001-1023625 | | 100868 | | SCREW, mach., fl-hd., S., No. 10 (.190)-32NF-2 x 1/2 (BCLX1.1AF) | 2 | |
| H-1 | H001-1521003 | | 114614 | | WASHER, lock, external teeth, ck., S., No. 10 (.190) (BEAX4C) | 2 | |
| H-1 | | 19-8 | 7068628 | | CAP, commander's cupola door hinge | 2 | |
| | | | 178743 | | SCREW, mach., fl-hd., S., 1/4-28NF-2 x 5/8 (BCLX1.1CG) | 8 | |
| | H001-1521005 | | 114616 | | WASHER, lock, external teeth, ck., S., 1/4 (BEAX4E) | 8 | |
| H-1 | | | C153074 | C153074 | COVER, commander's cupola door ball, w/SEAL, assembly | 1 | |
| H-1 | H001-1925320 | | 424147 | | SCREW, ext-teeth-lockwasher., rd-hd., S., No. 10 (.190)-32NF-2 x 7/16 (BCYX3EE) | 15 | |
| | G183-6300937 | 19-8 | B300937 | B300937 | COVER, commander's cupola door periscope | 1 | |
| H-1 | H001-1925300 | 19-8 | 193390 | | SCREW, ext-teeth-lockwasher., rd-hd., S., No. 10 (.190)-32NF-2 x 3/8 (BCYX3ED) | 2 | |
| | | 19-8 | 7054771 | | CUPOLA, commander's, assembly | 1 | |
| | H001-0126605 | 19-8 | 501919 | | BOLT, oval-hd., alloy-S., 3/4-16NF-2 x 3 1/4 (BAPX1EW) | 10 | |
| H-1 | | | 7041929 | | DOOR, commander's cupola | 1 | |
| | | 19-8 | 7054772 | | DOOR, commander's cupola, assembly (Includes: BALLS, CAP, COVER, PLATE and RING) | 1 | |
| | G183-6300924 | | B300924 | B300924 | FILLER, recess, commander's cupola door periscope, assembly (Includes: BLOCK, PLATE and TAB) | 1 | |
| | G104-2209301 | 19-8 | A265155 | A265155 | GRIP, commander's cupola door | 1 | |
| | | | 7040490 | | HANDLE, latch, commander's cupola door | 1 | |
| | G104-5349697 | | A349697 | A349697 | KNOB, commander's cupola race lock | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-6337720 | | B337720A | B337720 | LEVER, commander's cupola door periscope trunnion, left, w/PIN, assembly | 1 |
| | G210-7008853 | | B337720B | B337720 | LEVER, commander's cupola door periscope trunnion, right, w/PIN, assembly | 1 |
| | G104-5349487 | | A349487 | A349487 | LOCK, commander's cupola door, assembly (Includes: PLUNGER, RING, and SPRING) | 1 |
| | | | 7041927 | | PLATE, commander's cupola door | 1 |
| | | | A416351 | A416351 | PLATE, commander's cupola race lock knob | 1 |
| | | | 7040489 | | PLUG, latch, commander's cupola door handle | 1 |
| | | | 7041702 | | POINTER, commander's cupola door azimuth scale | 1 |
| H-1 | H001-1925300 | | 193390 | | SCREW, ext-teeth-lockwasher., rd-hd., S., No. 10 (.190)-32NF-2 x 3/8 (BCYX3ED) | 2 |
| | | | 7041720 | | SCALE, azimuth, commander's cupola door | 1 |
| H-1 | H001-5615120 | | 142862 | | SCREW, drive, metallic, rd-hd., No. 4 (.114) x 1/4 (BQMX1DC) | 8 |
| | G104-5349478 | 19-8 | A349478 | A349478 | SEAL, commander's cupola door | 1 |
| | G183-5349658 | | A349658 | A349658 | SEAL, commander's cupola door periscope frame, assembly (felt, 1/4 in. thk.) | 1 |
| | H001-1026535 | | 173353 | | SCREW, mach., oval-fil-hd., S., 1/4-28NF-2 x 3/4 (BCGX1.1DH) | 2 |
| | G197-5349438 | 19-8 | A349438 | A349438 | SPRING, commander's cupola door hinge | 7 |
| | G104-5349698 | | A349698 | A349698 | STUD, commander's cupola race lock knob | 1 |
| | | | 7041753 | | TRUNNION, commander's cupola door periscope | 2 |
| | G104-6300620 | 19-8 | B300620 | B300620 | TUBE, commander's cupola door hinge | 1 |
| | | 19-8 | 7068612 | | WEDGE, locking, commander's cupola prism | 6 |
| | | | A416343 | A416343 | SCREW, jack, commander's cupola prism lock wedge | 6 |
| | | 19-8 | 7041825 | | SCREW, lock, commander's cupola prism lock wedge | 12 |

## 1903.15—TURRET ESCAPE HATCH, ASSEMBLY D94598 (Used on Vehicles Serial No. 1 Through 1224)

| | | | | | | |
|---|---|---|---|---|---|---|
| H-2 | H002-0100140 | 19-6 | 104920 | | BALL, chr-alloy-S., grade 2, 3/8 in. (turret escape hatch race, lower) (CCAX1E) | 128 |
| | | | A175253 | A175253 | | |
| H-2 | H002-0100191 | 19-6 | 104924 | | BALL, S., diam. (turret escape hatch race, upper) (CCAX1H) | 88 |
| | G104-1518123 | | A245999B | A245999 | BEARING, turret escape hatch door hinge pin (self-lubricating, .752 I.D. x 1.099 O.D. x 1 7/16 lgh.) | 4 |
| | G104-2548507 | | A294579 | A294579 | BOLT, adjusting, turret escape hatch door lock (used with LOCK, assembly C101259) | 2 |
| | G104-2125845 | | B207652 | B207652 | BRAKE, turret escape hatch lock, assembly (used with RING and LOCK, assembly G104-6594597) | 1 |
| | G104-2556031 | | A248105 | A248105 | BUSHING, turret escape hatch machine gun mount lock (used with LOCK, assembly C101259) | 1 |
| | G104-1540135 | | A265248 | A265248 | COVER, turret escape hatch machine gun mount lock | 1 |
| | G104-6594605 | 19-6 | D94605 | D94605 | DOOR, turret escape hatch | 1 |
| | G104-6594606 | 19-6 | D94606 | D94606 | DOOR, turret escape hatch (for periscope) | 1 |
| | G104-2654154 | | A302675 | A302675 | EYE, turret escape hatch door lock (used with LOCK, assembly C101259) | 2 |
| | G104-1578051 | 19-7 | B206670 | B206670 | FACING, turret escape hatch lock brake shoe, assembly (used with RING and LOCK, assembly G104-6594597) | 1 |
| | | | A169767D | A169767 | RIVET, tubular, 3/8 lgh. | 2 |
| H-2 | H002-0103222 | | A289258 | A289258 | FITTING, lubricating, turret escape hatch (push type, stght., 1/8-27NPT) | 4 |
| | G104-1609106 | 19-7 | A248140 | A248140 | HANDLE, turret escape hatch lock, assembly (used with RING and LOCK, assembly G104-6594597) | 1 |
| | G104-6594598 | | D94598 | D94598 | HATCH, turret, assembly (Old Style) (used in production for first 1224 vehicles) | 1 |
| | G104-1658712 | 19-7 | A246099 | A246099 | KNOB, turret escape hatch lock plunger (used with RING and LOCK, assembly G104-6594597) | 1 |
| H-1 | H001-0829587 | 19-7 | 505487 | | PIN, stght., drill rod, .125 x 3/4 (BFDX1CM) | 1 |




## FIGURE 19-3 — TURRET TRAVERSING LOCK ASSEMBLY, C152380 — EXPLODED VIEW

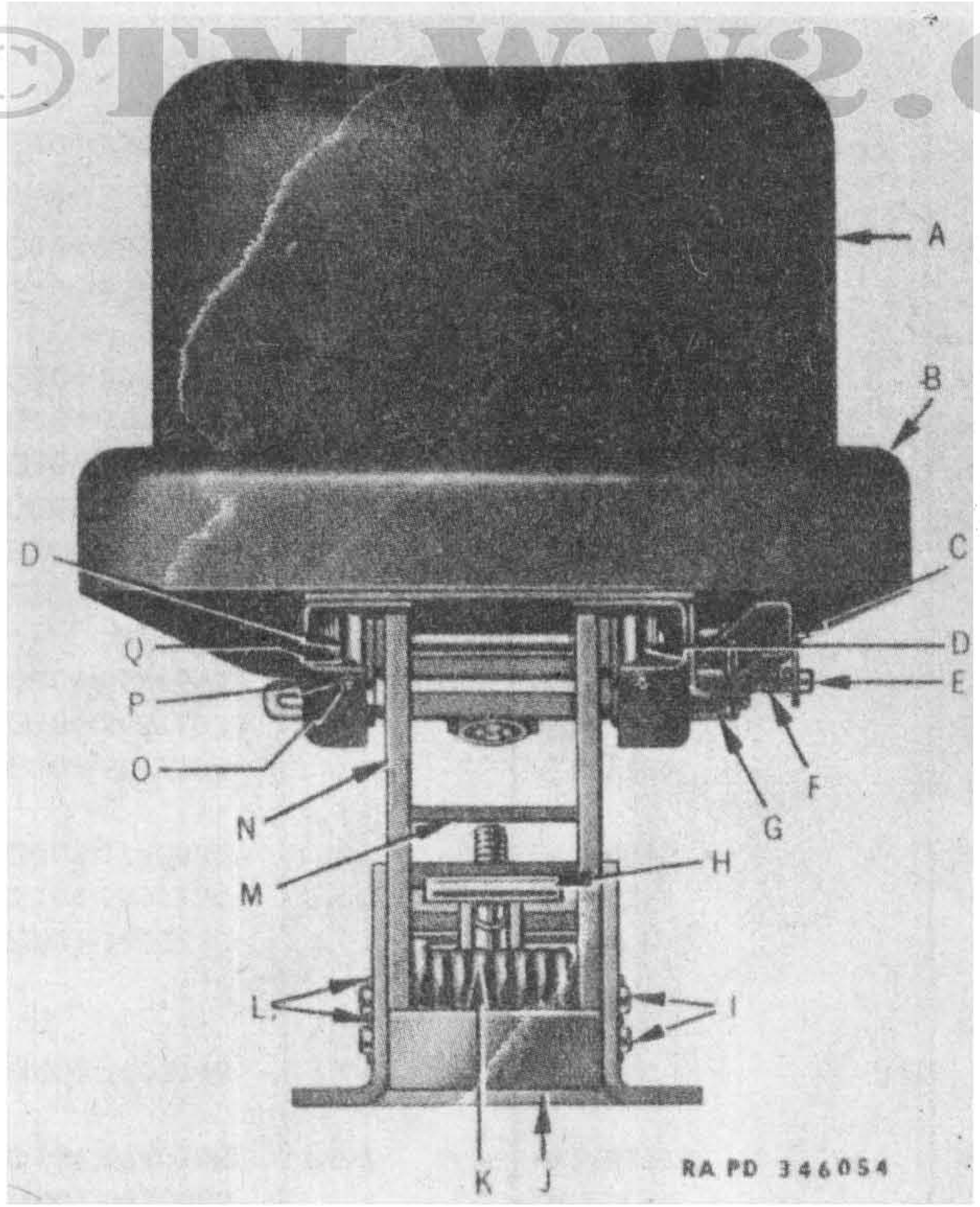
| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PAWL | B300472 | 1901.21 |
| B | PIN | A336377B | 1901.21 |
| C | SPRING | A349204 | 1901.21 |
| D | BRACKET | C152381 | 1901.21 |
| E | PLUNGER | C152408 | 1901.21 |
| F | ROD | A349122 | 1901.21 |
| G | SPRING | A349203 | 1901.21 |
| H | COVER | A349121 | 1901.21 |
| I | WASHER | 115543 | 1901.21 |
| J | SCREW | 421780 | 1901.21 |
| K | SCREW | A336340A | 1901.21 |
| L | WASHER | A348895 | 1901.21 |
| M | CUP | 507609 | 1901.21 |

RA PD 335335C

## FIGURE 19-4 — TURRET LOADER'S AND COMMANDER'S SEAT ASSEMBLY, D52897 — ASSEMBLED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | CUSHION, ass'y | D52281 | 1901.35 |
| B | SPACER | A277791 | 1901.35 |
| C | NUT | 503350 | 1901.35 |
| D | SCREW | 216793 | 1901.35 |
| E | PLATE, ass'y | 7054127 | 1901.35 |
| F | GUIDE | A277794 | 1901.35 |
| G | LEVER | A277789 | 1901.35 |
| H | SPRING | A213183 | 1901.35 |
| I | SHAFT | A297064A | 1901.35 |
| J | NUT | 103024 | 1901.35 |
| K | SUPPORT | C115795 | 1901.35 |
| L | BRACKET | A165571 | 1901.35 |
| M | SCREW | 216958 | 1901.35 |
| N | PLATE, ass'y | B210581 | 1901.35 |

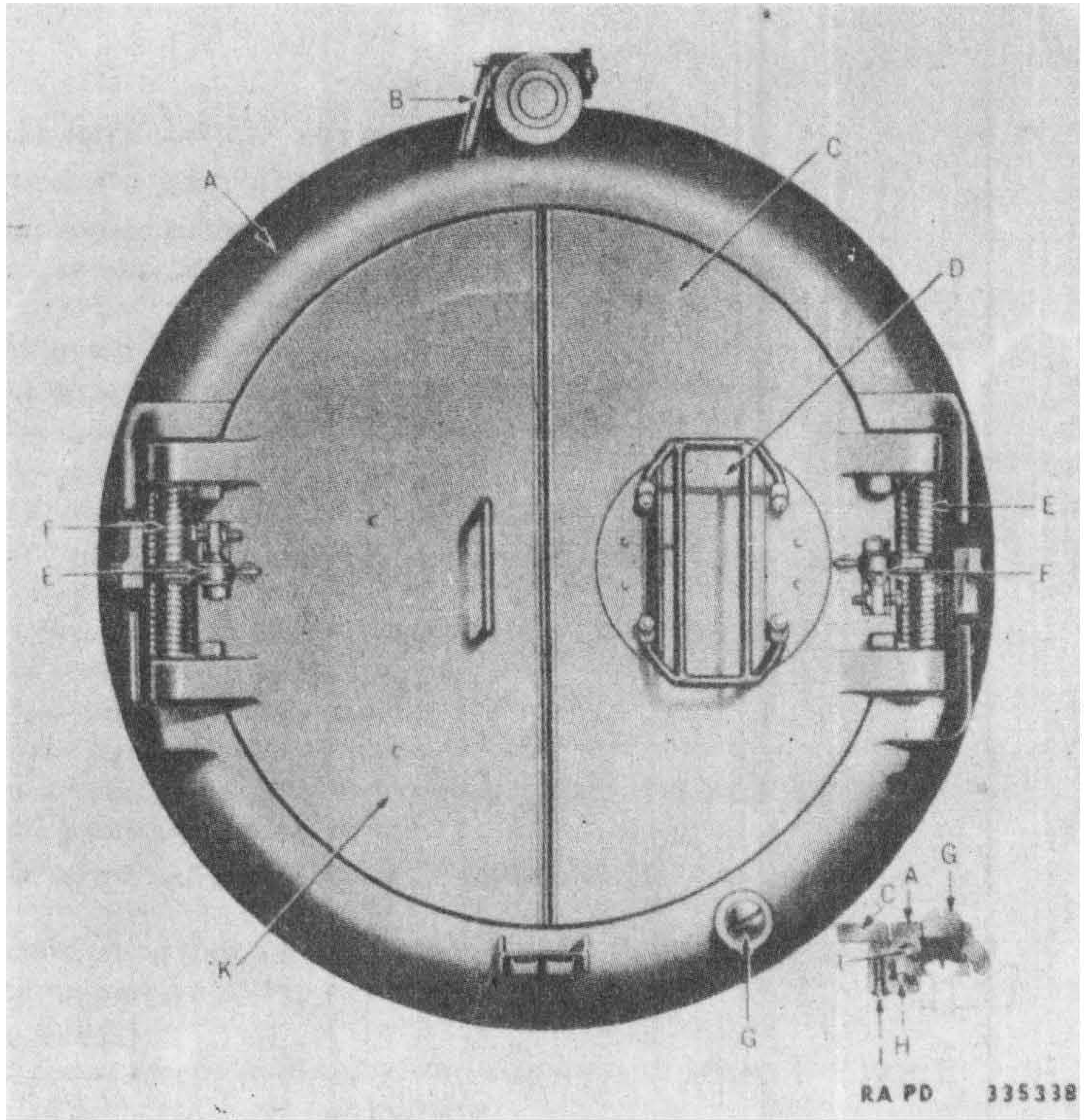
RA PD 335336C




# FIGURE 19-5 — TURRET GUNNER'S SEAT ASSEMBLY, D90025 — ASSEMBLED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | CUSHION, ass'y | C101022 | 1901.31 |
| B | CUSHION, ass'y | C101024 | 1901.31 |
| C | LEVER | A246224 | 1901.31 |
| D | ROLLER | A227962 | 1901.31 |
| E | PIN | A246240 | 1901.31 |
| F | SPRING | A246247 | 1901.31 |
| G | RIVET | A246248 | 1901.31 |
| H | HANDLE, ass'y | A277888 | 1901.31 |
| I | AXLE | A277909 | 1901.31 |
| J | BASE, ass'y | C101301 | 1901.31 |
| K | SPRING | A277906 | 1901.31 |
| L | PIN | 108629 | 1901.31 |
| M | LATCH, ass'y | A277912 | 1901.31 |
| N | CARRIAGE (furnished only as part of CARRIAGE ass'y, C101302) | | 1901.31 |
| O | NUT | 103024 | 1901.31 |
| P | WASHER | 115547 | 1901.31 |
| Q | SCREW | 142344 | 1901.31 |

RA PD 346054A




# FIGURE 19-6 — TURRET HATCH ASSEMBLY, D94598 — ASSEMBLED VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | RING | E10605 | 1903.15 |
| B | LOCK | B229666 | 1903.15 |
| C | DOOR | D94606 | 1903.15 |
| D | HOUSING, ass'y | C97292B | 1903.21 |
| E | SPRING | A337189 | 1903.15 |
| F | LOCK, ass'y | C101259 | 1903.15 |
| G | PLUG | A397154 | 1903.15 |
| H | BALL | 104920 | 1903.15 |
| I | BOLT | 426026 | 1903.15 |
| J | BALL | 104924 | 1903.15 |
| K | DOOR | D94605 | 1903.15 |

RA PD 335338C

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | 19-6 | C101259 | C101259 | LOCK, turret escape hatch door, assembly (used with HATCH, assembly G104-6594598) | 2 | |
| H-1 | H001-0716025 | | 218571 | | NUT, jam, hex., s-fin., S., ½-20NF-2 (turret hatch door lock adjusting bolt) (BBDX1E) | 1 | |
| H-1 | H001-0716021 | | 218563 | | NUT, jam, hex., s-fin., S., ¼-28NF-2 (turret escape hatch door lock release rod) (BBDX1A) | 2 | |
| | G104-1738472 | | A248136 | A248136 | PIN, center, turret hatch lock (S., 9/16-12NS-2, dbl-thd., 2¾ lgh.) | 1 | |
| H-1 | H001-0829867 | | 192342 | | PIN, stght., cold-fin., S., ½ x 3 (hinge, turret hatch door lock trigger) (BFDX2ET) | 2 | |
| | G104-1679865 | 19-6 | B229666 | B229666 | LOCK, turret escape hatch machine gun mount | 1 | |
| H-1 | H001-0811040 | | 103374 | | PIN, cotter, split, S., 3/32 x 1 (BFAX1CG) | 1 | |
| | G183-6337190 | | B337190 | B337190 | PACKING, turret escape hatch door, center | 1 | |
| | G197-6337081 | | B337081 | B337081 | PACKING, turret escape hatch door, outer | 1 | |
| | G104-6337191 | | B337191 | B337191 | PIN, hinge, turret escape hatch door (S., .748 O.D. x 12¾ lgh., 2 tapped holes ¼-28NF) | 2 | |
| H-1 | H101-0503805 | | A397146 | A397146 | BOLT, turret escape hatch door hinge pin, w/WASHER, assembly (S., ¼-28NF-2) | 4 | |
| H-1 | H001-0829592 | | 505488 | | PIN, stght., drill rod, .125 x 3/16 (turret escape hatch) (BFDX1CN) | 1 | |
| H-1 | H001-0830086 | | 505525 | | PIN, stght., drill rod, .250 x 1¼ (BFDX2AE) | 1 | |
| | G104-1740188 | 19-7 | A248137 | A248137 | PLATE, retaining, turret escape hatch lock spring (used with RING and LOCK, assembly G104-6594597) | 1 | |
| H-1 | H001-1023148 | 19-7 | 114662 | | SCREW, mach., fl-hd., S., 5/16-18NC-2 x ⅝ (BCKX2DF) | 2 | |
| | | 19-7 | B337186 | B337186 | PLATE, turret escape hatch lock (used with RING and LOCK, assembly G104-6594597) | 1 | |
| H-1 | H001-1023150 | 19-7 | 113913 | | SCREW, mach., fl-hd., S., 5/16-18NC-2 x ⅞ (BCKX2DH) | 3 | |
| | G104-5397154 | 19-6 | A397154 | A397154 | PLUG, turret escape hatch bolt access hole | 1 | |
| | G104-1740601 | 19-7 | A246095 | A246095 | PLUNGER, turret escape hatch lock (used with RING and LOCK, assembly G104-6594597) | 1 | |
| | G104-5677194 | | C177194 | C177194 | RETAINER, turret escape hatch lower ring ball | 4 | |
| | G104-5677192 | | C177192 | C177192 | RETAINER, turret escape hatch upper ring ball | 4 | |
| | G104-6594597 | 19-7 | D94597 | D94597 | RING and LOCK, turret escape hatch, assembly (used with HATCH, assembly G104-6594598) | 1 | |
| H-1 | H001-0126260 | 19-6 | 426026 | | BOLT, oval-hd., alloy-S., ⅜-24NF-2 x 1⅜ (BAPX1BF) | 9 | |
| H-1 | H001-1521007 | | 114618 | | WASHER, lock, external teeth, ck., S., ⅜ (BEAX4G) | 9 | |
| | G104-6594607 | | D94607 | D94607 | RING, turret escape hatch, lower | 1 | |
| | G104-6910605 | 19-6 | E10605 | E10605 | RING, turret escape hatch, upper | 1 | |
| | G104-3049339 | | A302676 | A302676 | ROD, release, turret escape hatch door lock (used with LOCK, assembly C101259) | 2 | |
| | G104-5382626 | | A382626 | A382626 | ROD, turret escape hatch handle spring, assembly (Includes: BODY and COLLAR) | 1 | |
| | G104-5397161 | | A397161 | A397161 | SEAL, grease, turret escape hatch lower ring (felt) | 1 | |
| | G104-5397162 | | A397162 | A397162 | SEAL, grease, turret escape hatch lower ring to ring and lock (felt) | 1 | |
| | G104-5397160 | | A397160 | A397160 | SEAL, water, turret escape hatch upper to lower ring (felt) | 1 | |
| | G104-5397156 | | A397156 | A397156 | SHIM, turret escape hatch ring (S., .002 thk.) | as req. | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-3072700 | 19-7 | B207653 | B207653 | SHOE, turret escape hatch lock brake, assembly (used with RING and LOCK, assembly G104-6594597) | 1 |
| | G104-5397158 | | A397158 | A397158 | SLEEVE, turret escape hatch door hinge pin | 2 |
| | G104-5397110 | | A397110 | A397110 | SPACER, turret escape hatch door hinge pin | 4 |
| | M005-0256270 | | 506556 | 506556 | SPRING, compression, 370 x 3/8 free lgh. (turret escape hatch door lock) (FAAX1F) (used with LOCK, assembly C101259) | 2 |
| | G104-1789731 | 19-7 | A248138 | A248138 | SPRING, operating, turret escape hatch lock brake (1 in. O.D. x 1.3125 free lgh.) (used with RING and LOCK, assembly G104-6594597) | 1 |
| | | 19-6 | A337189 | A337189 | SPRING, torsion, turret escape hatch door (1 1/32 I.D. x 6 3/8 free lgh.) | 2 |
| | G104-5347188 | | A347188 | A347188 | SPRING, turret escape hatch lock (22 coils, No. 16 ga. wire, 3/8 in. diam. x 2 5/8 in. lgh.) | 1 |
| | G104-3082387 | | A248151 | A248151 | SPRING, turret escape hatch door latch (used with LOCK, assembly C101259) | 1 |
| H-1 | H001-1030231 | | 114416 | | SCREW, mach., rd-hd., S., 5/16-18NC-2 x 7/16 (BCNX2DD) | 1 |
| H-1 | H001-1519010 | | 115548 | | WASHER, lock, internal teeth, reg., S., 5/16 (BEAX1K) | 1 |
| | | | A186517 | A186517 | | |
| | G104-1789668 | | A246101 | A246101 | SPRING, turret escape hatch lock plunger (.5937 O.D. x 1.625 free lgh.) (used with LOCK, assembly C101259) | 1 |
| | G104-1789611 | | B229665 | B229665 | SPRING, turret escape hatch machine gun mount lock (S., developed lgh. approx. 9 1/4) | 1 |
| | G104-3115968 | | A302677 | A302677 | TRIGGER, turret escape hatch door lock (used with LOCK, assembly C101259) | 2 |
| H-1 | H001-0829583 | | 505485 | | PIN, stght., drill rod, .125 x 5/8 (trigger to rod) (BFDX1CK) | 2 |
| H-1 | H001-1530007 | | 103339 | | WASHER, plain, S., 1/4 (turret escape hatch door lock spring) (BEBX1G) (used with LOCK, assembly C101259) | 2 |
| | G104-1842501 | 19-7 | A248135 | A248135 | WASHER, thrust, turret escape hatch lock handle (used with RING and LOCK, assembly G104-6594597) | 1 |

## 1903.16—TURRET ESCAPE HATCH, ASSEMBLY 7054011
## (Used on Vehicles Serial No. 1225 and Up)

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | A347195 | A347195 | ANCHOR, turret escape hatch, assembly | 2 |
| | G104-5347194 | | A347194 | A347194 | BRACKET, turret escape hatch, assembly | 1 |
| | G104-2209301 | | A265155 | A265155 | GRIP, turret escape hatch, assembly | 1 |
| | G104-6242723 | | B242723 | B242723 | HANDLE, turret escape hatch lock | 1 |
| | G104-5381479 | | A381479 | A381479 | PIN, turret escape hatch lock handle | 1 |
| | | | 7068547 | | HASP, turret escape hatch, assembly | 1 |
| | | | 7054011 | | HATCH, escape turret, assembly (Includes: ANCHOR, BRACKET, GRIP, HASP, HINGE and LOCK, assembly) (used in production after the first 1224 vehicles) | 1 |
| | | | 7054004 | | HINGE, turret escape hatch, assembly | 1 |
| | | | | | LOCK, turret escape hatch, assembly | 1 |
| | G104-6242718 | | B242718 | B242718 | BOLT, lock, turret escape hatch lock (grooved and tapered, 1 x 5 9/32 lgh.) | 1 |
| | | | 7069165 | | PAD, turret escape hatch | 1 |
| H-1 | H101-0142958 | | 142958 | | PIN, grooved, taper, .172 in. to .181 in x 5/8 in. lgh. (turret escape hatch hinge) | 1 |
| | | | B208986B | B208986 | | |
| | | | 7054012 | | PLATE, turret escape hatch, assembly | 1 |
| | | | 7054006 | | PLATE, turret escape hatch, assembly | 1 |

## 1903.18—PISTOL PORT

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-1515801 | 19-9 | B201110 | B201110 | BAR, turret pistol port door, assembly | 1 |

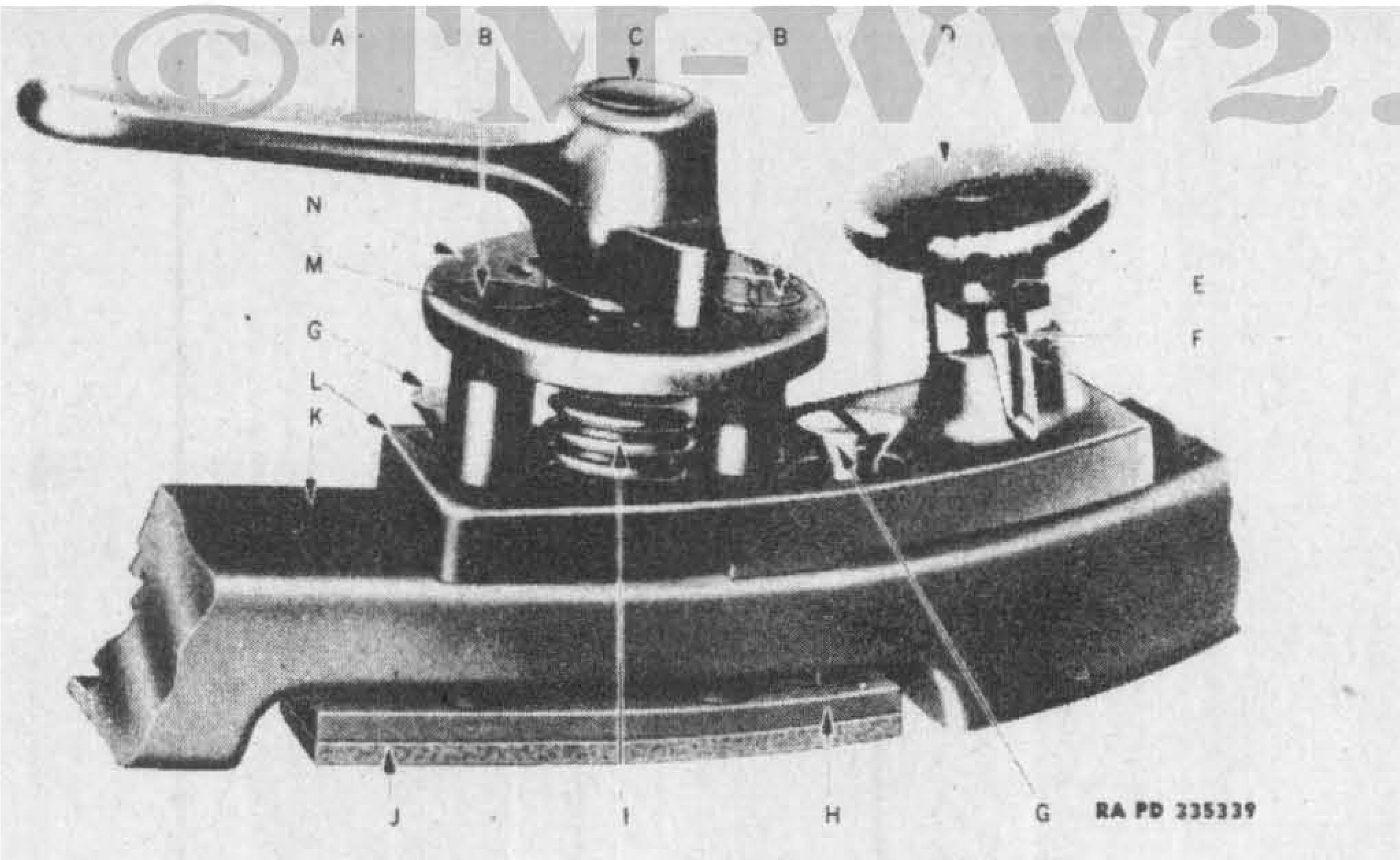
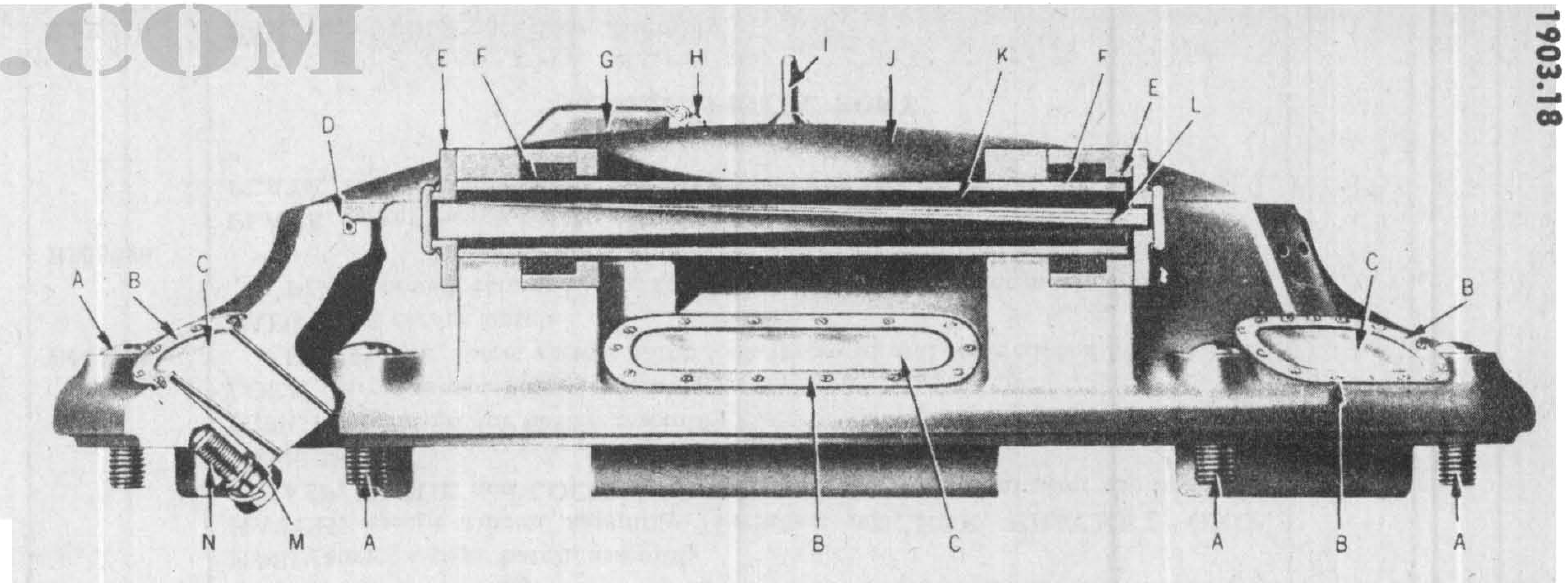



**FIGURE 19-7 — TURRET HATCH RING AND LOCK ASSEMBLY, D94597 — ASSEMBLED VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | HANDLE, ass'y | A248140 | 1903.15 |
| B | SCREW | 114662 | 1903.15 |
| C | PLUG (furnished only as part of HANDLE ass'y, A248140) | | 1903.15 |
| D | KNOB | A246099 | 1903.15 |
| E | PIN | 505487 | 1903.15 |
| F | PLUNGER | A246095 | 1903.15 |
| G | SCREW | 113913 | 1903.15 |
| H | SHOE, ass'y | B207653 | 1903.15 |
| I | SPRING | A248138 | 1903.15 |
| J | FACING | B206670 | 1903.15 |
| K | RING (furnished only as part of RING and LOCK ass'y, D94597) | | 1903.15 |
| L | PLATE | B337186 | 1903.15 |
| M | WASHER | A248135 | 1903.15 |
| N | PLATE | A248137 | 1903.15 |

RA PD 335339C




RA PD 346050

**FIGURE 19-8 — TURRET COMMANDER'S CUPOLA ASSEMBLY, 7054771**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BOLT | 501919 | 1903.11 |
| B | SCREW | A412461 | 1903.11 |
| C | BLOCK | B300790 | 1903.11 |
| D | SEAL | A349478 | 1903.11 |
| E | CAP | 7068628 | 1903.11 |
| F | BEARING | A349437 | 1903.11 |
| G | COVER | B300937 | 1903.11 |
| H | SCREW | 193390 | 1903.11 |
| I | GRIP | A265155 | 1903.11 |
| J | DOOR, ass'y | 7054772 | 1903.11 |
| K | TUBE | B300620 | 1903.11 |
| L | SPRING | A349438 | 1903.11 |
| M | WEDGE | 7068612 | 1903.11 |
| N | SCREW | 7041825 | 1903.11 |

RA PD 346050A

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BUSHING | A244849 | 1903.18 |
| B | PIN | 505543 | 1903.18 |
| C | PIN | A227975 | 1903.18 |
| D | COVER | D90009 | 1903.18 |
| E | BAR | B201110 | 1903.18 |
| F | HANDLE | C97253 | 1903.18 |
| G | SPRING | A227959 | 1903.18 |
| H | SPACER | A227932 | 1903.18 |
| I | NUT | A227929 | 1903.18 |
| J | SCREW | 113624 | 1903.18 |

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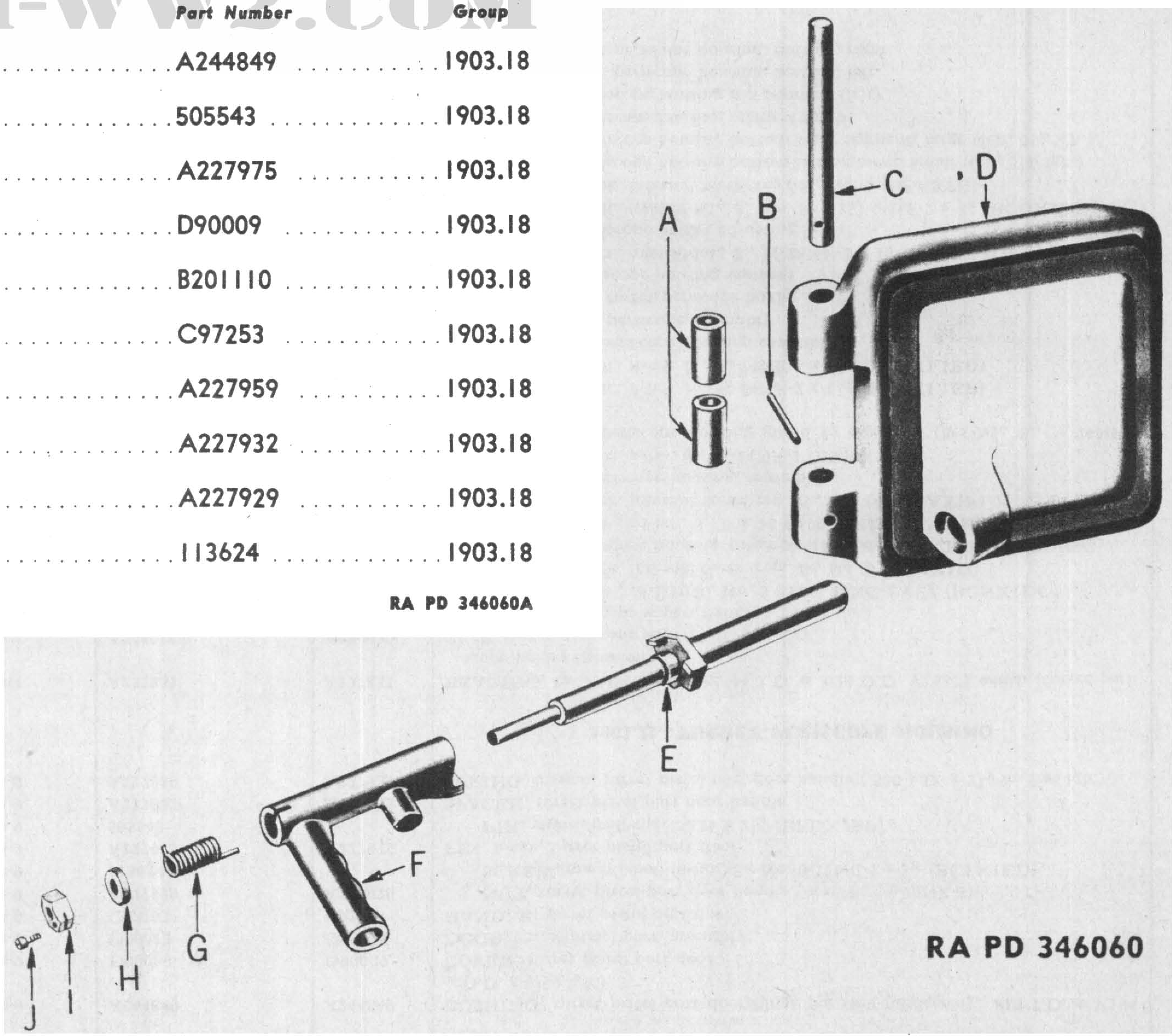
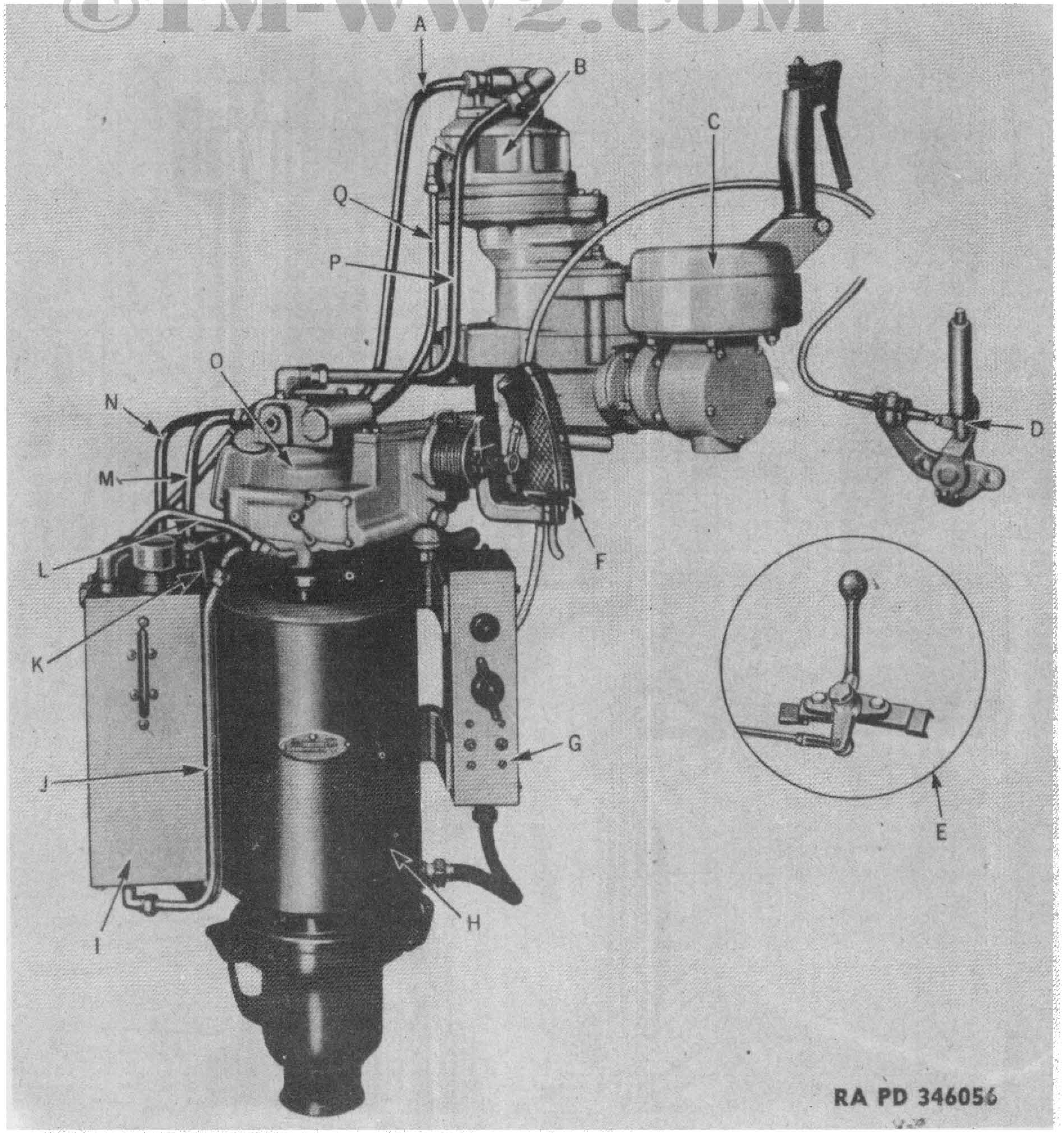



**FIGURE 19-9 — PISTOL PORT DOOR ASSEMBLY, D90013 — EXPLODED VIEW**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G133-0127848 | 19-9 | A244849 | A244849 | BUSHING, turret pistol port door hinge pin (self-lubricating, .812 I.D. x 1.194 O.D. x 2 13/64 lgh.) | 2 | |
| | | 19-9 | D90009 | D90009 | COVER, turret pistol port door | 1 | |
| | | 19-9 | D90013 | D90013 | DOOR, turret pistol port, assembly | 1 | |
| | | 19-9 | C97253 | C97253 | HANDLE, turret pistol port door | 1 | |
| | G133-0314600 | 19-9 | A227929 | A227929 | NUT, turret pistol port door handle (hex., S., 7/16-20NF-3) | 1 | |
| H-1 | H001-1026054 | 19-9 | 113624 | | SCREW, mach., oval-fil-hd., S., No. 6-32NC-2 x 5/16 (BCFX1ED) | 1 | |
| | G133-0338612 | 19-9 | A227975 | A227975 | PIN, hinge, turret pistol port door | 1 | |
| H-1 | H001-0830216 | 19-9 | 505543 | | PIN, stght., drill rod, .3125 x 2 1/4 (BFDX2BP) | 1 | |
| | G133-0389450 | 19-9 | A227932 | A227932 | SPACER, turret pistol port door handle | 1 | |
| | G133-0389700 | 19-9 | A227959 | A227959 | SPRING, torsion, turret pistol port door handle (.500 I.D. x 2 1/8 in. free lgh.) | 1 | |
| | | | | | **1903.21—TURRET PERISCOPE HOUSING** | | |
| | G103-1518022 | 18-4 | A227831 | A227831 | BEARING, bz., self-lubricating, 1/2 I.D. x .628 O.D. x .4375 width (turret periscope holder trunnion) | 2 | |
| | G104-2137983 | 18-4 | A248086B | A248086 | CLIP, turret periscope wiper, left | 1 | |
| | G104-2137982 | 18-4 | A248086A | A248086 | CLIP, turret periscope wiper, right | 1 | |
| H-1 | H001-1030047 | | 174895 | | SCREW, mach., rd-hd., S., No. 5 (.124)-40NC-2 x 1/4 (BCNX1DC) | 4 | |
| H-1 | H001-1519004 | | 115543 | | WASHER, lock, internal teeth, reg., S., No. 6 (BEAX1D) | 4 | |
| | G104-1555302 | 18-4 | B257848 | B257848 | DOOR, turret periscope housing, assembly (Includes: COVER and SPRING) | 1 | |
| H-1 | H001-1030582 | 18-4 | 112872 | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NF-2 x 5/16 (BCOX1.1AC) | 2 | |
| H-1 | H001-1519007 | 18-4 | 115545 | | WASHER, lock, internal teeth, reg., S., No. 10 (BEAX1F) | 2 | |
| | G197-5600914 | 18-4 | C100914 | C100914 | GUARD, turret periscope housing, assembly | 1 | |
| H-1 | H001-0716023 | 18-4 | 219703 | | NUT, jam, hex., s-fin., S., 3/8-24NF-2 (BBDX1C) | 2 | |
| | G197-5381320 | 18-4 | A381320 | A381320 | NUT, turret periscope housing guard to segments (hex-hd., S., 3/8-24NF-2 x 5/8) | 2 | |
| H-1 | H001-1023797 | | 190452 | | SCREW, mach., fl-hd., S., 3/8-24NF-2 x 1 1/2 (BCLX1.1EP) | 2 | |
| H-1 | H001-1023798 | | 190265 | | SCREW, mach., fl-hd., S., 3/8-24NF-2 x 1 3/4 (BCLX1.1EQ) | 2 | |
| | G103-1617702 | 18-4 | C115524 | C115524 | HOLDER, turret periscope housing, assembly | 1 | |
| | G104-2217862 | 18-4,6 | C97292B | C97292 | HOUSING, turret periscope, assembly | 1 | |
| | G104-0303373 | 18-4 | A226797 | A226797 | KNOB, adjusting, turret periscope holder | 1 | |
| | G103-1663904 | 18-4 | A265219 | A265219 | KNOB, turret periscope housing segment | 1 | |
| H-1 | H001-1026537 | 18-4 | 187330 | | SCREW, mach., oval-fil-hd., S., 1/4-28NF-2 x 7/8 (BCGX1.1DL) | 1 | |
| | G103-1767661 | 18-4 | A226798 | A226798 | PIECE, turret periscope holder adjusting knob | 1 | |
| H-1 | H001-1026177 | 18-4 | 225020 | | SCREW, mach., oval-fil-hd., S., No. 5 (.125)-44NF-2 x 3/8 (BCGX1DE) | 1 | |
| H-1 | H001-1519004 | 18-4 | 115543 | | WASHER, lock, internal teeth, reg., S., No. 5 (BEAX1D) | 1 | |
| | G197-5348044 | 18-4 | A348044A | A348044 | PIECE, turret periscope housing bottom left segment, small (felt, 3 7/32 lgh.) | 2 | |
| | G210-7008850 | 18-4 | A348044C | A348044 | PIECE, turret periscope housing bottom right segment, large (felt, 6 1/16 lgh.) | 2 | |
| | G103-1738453 | 18-4 | A265218 | A265218 | PIECE, turret periscope housing segment knob | 1 | |
| | G103-1738452 | 18-4 | A226815 | A226815 | PIECE, turret periscope housing top segment (felt) | 1 | |
| | G103-1783260 | 18-4 | C96667A | C96667 | SEGMENT, turret periscope housing, bottom, left | 1 | |
| | G103-1783270 | 18-4 | C96667B | C96667 | SEGMENT, turret periscope housing, bottom, right | 1 | |

*(Cont.)*

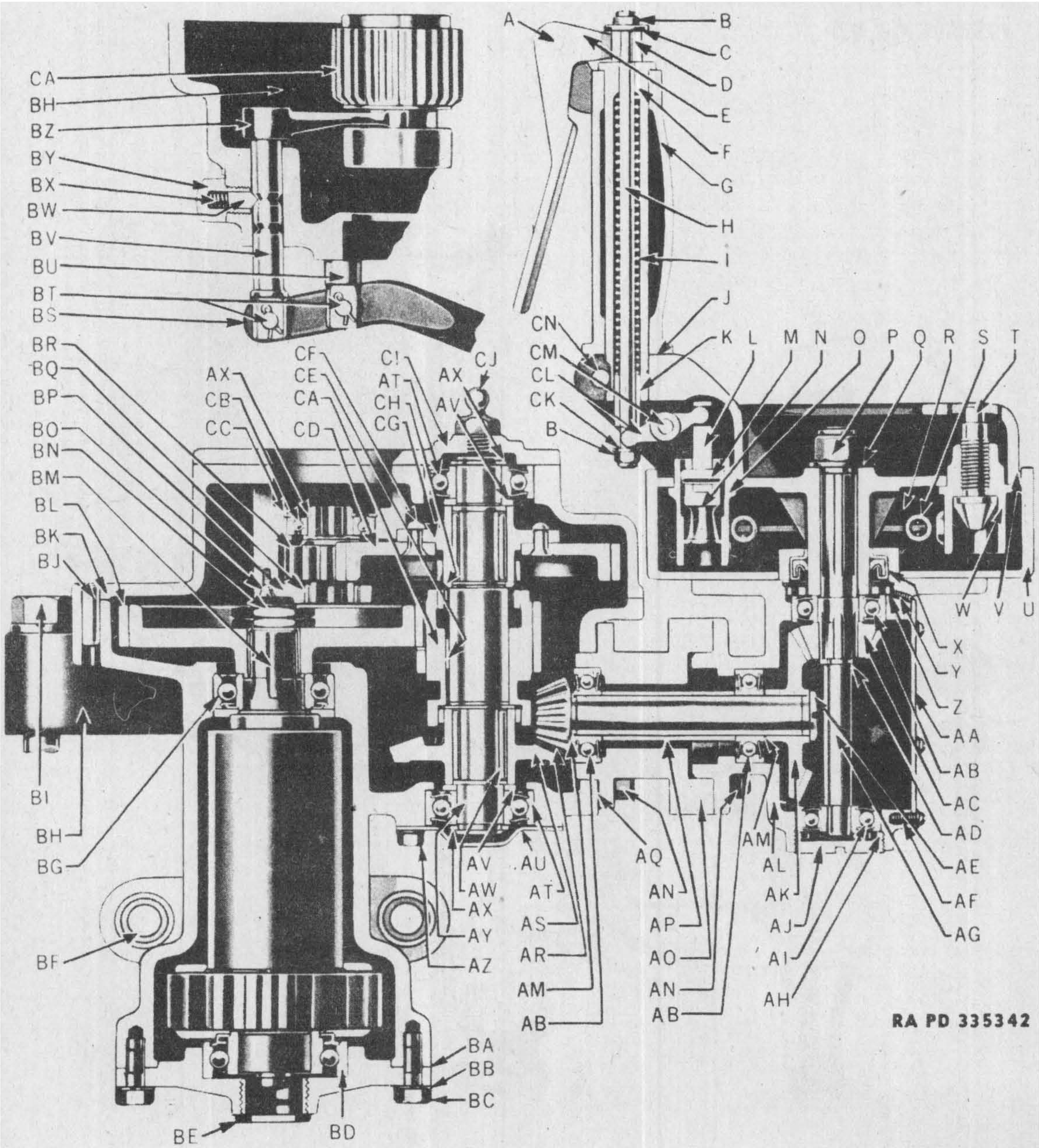



| Key | Item | Part Number | Group |
|---|---|---|---|
| A | TUBE | C101389 | 1905.7 |
| B | MOTOR, w/ ADAPTER, ass'y | D47529 | 1905.3 |
| C | MECHANISM, ass'y | D82149 | 1905.1 |
| D | CONTROL, ass'y (old style) | C100603 | 1905.65 |
| E | CONTROL, ass'y (new style) | 7068143 | 1905.68 |
| F | HANDLE, w/ SWITCH, ass'y | C101074 | 1905.61 |
| G | BOX, ass'y | 7007926 | 0608 |
| H | MOTOR, ass'y | D50914 | 1905.9 |
| I | RESERVOIR, ass'y | D47566 | 1905.7 |
| J | TUBE | C95165 | 1905.7 |
| K | TUBE | C95166 | 1905.7 |
| L | TUBE | B197504 | 1905.7 |
| M | TUBE | B197503 | 1905.7 |
| N | TUBE | B197505 | 1905.7 |
| O | PUMP, w/ CONTROL, ass'y | 7053868 | 1905.5 |
| P | TUBE | C101390 | 1905.7 |
| Q | TUBE | C101388 | 1905.7 |

RA PD 346056A

**FIGURE 19-10 — TURRET TRAVERSING MECHANISM w/DUAL CONTROL — ASSEMBLED VIEW**

## FIGURE 19-11 — TURRET HAND TRAVERSING MECHANISM ASSEMBLY, D82149 — SECTIONAL VIEW




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PIN | A213410 | 1905.1 |
| B | NUT | 503249 | 1905.1 |
| C | WASHER | A213437 | 1905.1 |
| D | COLLAR | A213660 | 1905.1 |
| E | LEVER | B183269 | 1905.1 |
| F | SLEEVE | A213662 | 1905.1 |
| G | HANDLE | B183283 | 1905.1 |
| H | SPINDLE | A213428 | 1905.1 |
| I | SPRING | A213415 | 1905.1 |
| J | SHIM | A213733 | 1905.1 |
| K | SLEEVE | A213427 | 1905.1 |
| L | LINK | A213420 | 1905.1 |
| M | PIN | A213734 | 1905.1 |
| N | SPREADER | A213445 | 1905.1 |
| O | ANCHOR | B183279 | 1905.1 |
| P | NUT | 503356 | 1905.1 |
| Q | WASHER | 103342 | 1905.1 |
| R | SHOE, w/ LINING, ass'y | B183433 | 1905.1 |
| S | SPRING | A213434 | 1905.1 |
| T | SCREW | A213446 | 1905.1 |
| U | DRUM | B209579 | 1905.1 |
| V | COVER | C84930 | 1905.1 |
| W | ANCHOR | B183266 | 1905.1 |
| X | RETAINER | 500244 | 1905.1 |

| Key | Item | Part Number | Group |
|---|---|---|---|
| Y | SCREW | 140868 | 1905.1 |
| Z | NUT | A213406 | 1905.1 |
| AA | COVER | A213438 | 1905.1 |
| AB | BEARING | A213730 | 1905.1 |
| AC | PINION | B197507 | 1905.1 |
| AD | SNAP RING | A227686 | 1905.1 |
| AE | SCREW | A213447 | 1905.1 |
| AF | SCREW | 100763 | 1905.1 |
| AG | SHAFT | B200372 | 1905.1 |
| AH | NUT | A213430 | 1905.1 |
| AI | BEARING | A227685 | 1905.1 |
| AJ | NUT | A213431 | 1905.1 |
| AK | GEAR | B183274 | 1905.1 |
| AL | HOUSING | C84931 | 1905.2 |
| AM | SHIM | A213736 | 1905.2 |
| AN | NUT | 503338 | 1905.2 |
| AO | SPACER | B200396 | 1905.2 |
| AP | SPACER | A227647 | 1905.2 |
| AQ | SHIM | A213740 | 1905.2 |
| AR | GEAR | B200371 | 1905.2 |
| AS | GEAR | B200395 | 1905.2 |
| AT | BEARING | A213731 | 1905.2 |
| AU | CAP | A213418 | 1905.2 |
| AV | WASHER | A213443 | 1905.2 |
| AW | ROLLER | A213417 | 1905.2 |
| AX | SNAP RING | A213424 | 1905.2 |
| AY | SHAFT | B183282-4 | 1905.2 |
| AZ | SCREW | 216914 | 1905.2 |
| BA | SHIM | B201146 | 1905.2 |
| BB | WASHER | 103320 | 1905.2 |
| BC | SCREW | 216920 | 1905.2 |
| BD | BEARING | A277742 | 1905.2 |
| BE | PLUG | A336044 | 1905.2 |
| BF | WASHER | A348895 | 1905.1 |
| BG | BEARING | A213732 | 1905.2 |
| BH | CASE | D82145 | 1905.2 |
| BI | SCREW | 215930 | 1905.2 |
| BJ | PIN | 505533 | 1905.2 |
| BK | COVER | C84928 | 1905.2 |
| BL | GEAR | B183278 | 1905.2 |
| BM | SHAFT (furnished only as part of CLUTCH, ass'y C144899) | | 1905.2 |
| BN | NUT | A213408 | 1905.2 |
| BO | SCREW | 117633 | 1905.2 |
| BP | BRACKET | A213414 | 1905.2 |
| BQ | ROLLER | A213416 | 1905.2 |
| BR | PINION | A213425 | 1905.2 |
| BS | LEVER | 7041259 | 1905.2 |
| BT | PIN | A213412 | 1905.2 |
| BU | FULCRUM | A213411 | 1905.2 |
| BV | SHAFT | A213413 | 1905.2 |
| BW | POPPET | A213448 | 1905.2 |
| BX | SPRING | A213421 | 1905.2 |
| BY | SCREW | A213449 | 1905.2 |
| BZ | FORK | A213432 | 1905.2 |
| CA | GEAR | B200405 | 1905.2 |
| CB | BEARING | A213702 | 1905.2 |
| CC | SNAP RING | A213738 | 1905.2 |
| CD | GEAR | B183276 | 1905.2 |
| CE | KEY | A244923 | 1905.2 |
| CF | RIVET | 104238 | 1905.2 |
| CG | SLEEVE | B183277 | 1905.2 |
| CH | COLLAR | A213423 | 1905.2 |
| CI | PLATE | C84929 | 1905.2 |
| CJ | FITTING | 504208 | 1905.2 |
| CK | WASHER | 103338 | 1905.1 |
| CL | LEVER | A213407 | 1905.1 |
| CM | PIN | A213728 | 1905.1 |
| CN | SCREW | 216782 | 1905.1 |

RA PD 335342C

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| H-1 | H001-1023794 | 18-4 | 111636 | | SCREW, mach., fl-hd., S., 3/8-24NF-2 x 1 (BCLX1.1EL) | 8 | |
| H-1 | H001-1521007 | 18-4 | 114618 | | WASHER, lock, external teeth, ck., S., 3/8 (BEAX4G) | 8 | |
| | G103-1783276 | 18-4 | C96668 | C96668 | SEGMENT, turret periscope housing, top | 1 | |
| | G104-2384722 | 18-4 | A263103B | A263103 | SHIELD, turret periscope housing, assembly | 1 | |
| H-1 | H001-1013211 | 18-4 | 216251 | | SCREW, cap, hex-hd., S., 1/4-28NF-2 x 1/2 (BCBX5A) | 2 | |
| | G170-0443048 | 18-4 | A246608H | A246608 | WASHER, lock, periscope housing shield (internal-external teeth, 1/4) | 2 | |
| | G104-2447740 | 18-4 | A248087 | A248087 | WIPER, turret periscope | 1 | |
| | | | | | **1903.25—TURRET SIGHTING DEVICE** | | |
| | | 19-35 | B289679 | B289679 | ARM, connecting, turret sighting device holder | 1 | |
| H-1 | H001-0830073 | 19-35 | 544003 | | PIN, stght., drill rod, .250 x 5/8 (BFDX5R) | 2 | |
| H-1 | H001-1013244 | 19-35 | 215957 | | SCREW, cap, hex-hd., S., 3/8-24NF-2 x 7/8 (BCBX1CB) | 3 | |
| H-1 | H001-1519011 | 19-35 | 115549 | | WASHER, lock, internal teeth, reg., S., 3/8 (BEAX1L) | 3 | |
| | | | A412716 | A412716 | ARM, turret sighting device extension spring | 1 | |
| | G104-1781751 | | A265041 | A265041 | SCREW, turret sighting device extension spring arm | 2 | |
| H-1 | H001-1519011 | | 115549 | | WASHER, lock, internal teeth, reg., S., 3/8 (BEAX1L) | 2 | |
| H-12 | H012-1402020 | 19-35 | 700935 A213104 | A213104 | BEARING, ball (annular, single row, .787 I.D. x 1.850 O.D. x .6988 width) (turret sighting device connector) | 1 | |
| | M005-0101440 | 19-35 | 711011 | | NUT, lock, ball bearing, S., .7874 I.D. (BBRX1AE) | 1 | |
| | M005-0259020 | 19-35 | 711205 | | WASHER, lock, external teeth, S., .801 I.D. (BEFX1AE) | 1 | |
| | | | B210191 | B210191 | BEARING, bushing type, turret sighting device holder trunnion | 2 | |
| | G104-0301490 | 19-35 | A213103 | A213103 | CONNECTOR, turret sighting device synchronizing rod | 1 | |
| | | 19-35 | 7067409 | | COVER, turret sighting device | 1 | |
| H-1 | H001-1013004 | 19-35 | 216958 | | SCREW, cap, hex-hd., S., 1/4-20NC-2 x 7/8 (BCAX1AB) | 2 | |
| H-1 | H001-1517007 | 19-35 | 113114 | | WASHER, lock, lgt., S., 1/4 (BECX2G) | 2 | |
| | G212-6581897 | 19-35 | D81897 | D81897 | DEVICE, sighting, turret, assembly | 1 | |
| | | 19-35 | 7067556 | | BOLT, hex-hd., S., 3/8-24NF-2 x 4 1/8 | 2 | |
| H-1 | H001-1116221 | 19-35 | 223600 | | BOLT, hex-hd., s-fin., alloy-S., 3/8-24NF-2 x 1 1/2 (BAOX1CE) | 2 | |
| H-1 | H001-1023794 | 19-35 | 111636 | | SCREW, fl-hd., S., 3/8-24NF x 1 (BCLX1.1EL) | 2 | |
| H-1 | H001-1521007 | 19-35 | 114618 | | WASHER, lock, external teeth, S., 3/8 (BEAX4G) | 2 | |
| H-1 | H001-1517009 | 19-35 | 110730 | | WASHER, lock, lgt., S., 3/8 (BECX2K) | 2 | |
| H-1 | H001-1518009 | 19-35 | 103321 | | WASHER, lock, reg., S., 3/8 (BECX1K) | 2 | |
| | G197-5602411 | 19-35 | C102411 | C102411 | HOLDER, turret sighting device, assembly | 1 | |
| | | 19-1 | C152803 | C152803 | HOLDER, turret sighting device, w/ARM, assembly | 1 | |
| | | 19-35 | D78423 | D78423 | HOUSING, turret sighting device periscope | 1 | |
| H-1 | H001-0725660 | | 503350 | | NUT, safety, S., 3/8-24NF-3 (BBSX4AC) | 4 | |
| H-1 | H001-1013248 | 19-35 | 216794 | | SCREW, cap, hex-hd., S., 3/8-24NF-2 x 1 3/4 (BCBX1CF) | 4 | |
| H-1 | H001-0716027 | 19-35 | 218442 | | NUT, hex., s-fin., S., 5/8-18NF-2 (turret sighting device synchronizing rod) (BBDX2B) | 1 | |
| | G104-0304370 | | A213160 | A213160 | NUT, turret sighting device synchronizing rod (hex-hd., S., 5/8-18 (L.H.) NF-2 x .421 thk.) | 1 | |
| | | | A381067 | A381067 | PIECE, sealing, turret sighting device holder, long (felt) | 2 | |
| | | | A381308 | A381308 | PIECE, sealing, turret sighting device holder, short (felt) | 4 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | 19-35 | B289680 | B289680 | ROD, synchronizing, turret sighting device | 1 |
| | | 19-35 | C152418 | C152418 | SHIELD, turret sighting device, assembly | 1 |
| H-1 | H001-1013212 | 19-35 | 216253 | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ½ (BCBX5B) | 2 |
| | G170-0443048 | 19-35 | A246608H | A246608 | WASHER, lock, turret sighting device shield (internal-external teeth, ¼) | 2 |
| | | 19-1 | D82199 | D82199 | SIGHT, vane, turret, assembly | 1 |
| H-1 | H001-1013072 | | 217055 | | SCREW, cap, hex-hd., S., ½-13NC-2 x 1½ (BCAX1EE) | 2 |
| H-1 | H001-1518011 | | 103323 | | WASHER, lock, reg., S., ½ (BECX1M) | 2 |
| H-1 | H001-1530011 | | 103343 | | WASHER, plain, S., ½ (BEBX1M) | 2 |
| | G104-5213106 | 19-35 | A213106 | A213106 | SNAP RING, turret sighting device synchronizing rod | 1 |
| | | | A412926 | A412926 | SPRING, tension, turret sighting device (S., .0625 diam. x 3¾ approx. lgh.) | 1 |
| | G104-5213105 | 19-35 | A213105 | A213105 | STUD, turret, sighting device synchronizing rod connector to holder arm (2) (⅝-18NF-3 x 9/16) (.781-32NS-3 x 9/16) | 1 |
| | | | A348045 | A348045 | WASHER, turret sighting device holder trunnion bearing | 2 |
| | G197-6295351 | | B295351 | B295351 | WIPER, turret sighting device, assembly | 1 |
| H-1 | H001-1023034 | | 117328 | | SCREW, mach., fl-hd., S., No. 4 (.112)-40NC-2 x 5/16 (BCKX1CD) | 12 |

## 1905.1—TURRET HAND TRAVERSING MECHANISM

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0300021 | 19-11 | B183266 NP-C-85079 | B183266 | ANCHOR, adjusting, turret hand traversing mechanism brake | 1 |
| H-1 | H001-1013016 | | 193989 | | SCREW, cap, hex-hd., S., 5/16-18NC-2 x ⅝ (BCAX3AB) | 2 |
| H-1 | H001-1518008 | | 103320 | | WASHER, lock, reg., S., 5/16 in. (BECX1H) | 2 |
| | G104-0300020 | 19-11 | B183279 (NP-C-85078) | B183279 | ANCHOR, operating, turret hand traversing mechanism brake | 1 |
| H-1 | H001-1013001 | | 193982 | | SCREW, cap, hex-hd., S., ¼-20NC-2 x ½ (BCAX3A) | 2 |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., ¼ in. (BECX1G) | 2 |
| H-12 | H012-1324010 | 19-11 | 700402 A227685 (MRC-200-S) | A227685 | BEARING, ball (annular, single row, .3937 I.D. x 1.378 O.D. x .4331 width) (turret hand traversing mechanism traverse case extension, bottom) (CAAX3AA) | 1 |
| H-12 | H012-1323017 | 19-11 | 700159 A213730 (MRC-203-SFF) (NP-A85043) | A213730 | BEARING, ball (annular, single row, .6693 I.D. x 1.5748 O.D. x 4.724 width, w/double oil SHIELD) (turret hand traversing mechanism traverse case extension shaft, top (1), bevel gear shaft (2) (CAAX1GL) | 3 |
| | G104-1539801 | 19-11 | A213660 (NP-B-85105) | A213660 | COLLAR, turret hand traversing mechanism brake handle sleeve | 1 |
| | G104-0301720 | 19-11 | C84930 (NP-D-85077) | C84930 | COVER, turret hand traversing mechanism brake | 1 |
| | G137-0140126 | 19-11 | A213438 | A213438 | COVER, turret hand traversing mechanism traverse case extension housing | 1 |
| H-1 | H001-1030584 | 19-11 | 100763 | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NF-2 x ⅜ (BCOX1.1AD) | 5 |
| H-1 | H001-1519007 | | 115545 | | WASHER, lock, internal teeth, reg., S., No. 10 (BEAX1F) | 5 |
| | | 19-11 | B209579 | B209579 | DRUM, brake, turret hand traversing mechanism, assembly | 1 |
| | G104-0302600 | 19-11 | B183274 (NP-C-85047) | B183274 | GEAR, bevel, turret hand traversing mechanism traverse case extension (40 T., 2.921 O.D., 9/16 face) | 1 |
| | G104-0302920 | 19-11 | B183283 (LP-16126-B) | B183283 | HANDLE, turret hand traversing mechanism brake | 1 |
| | | 19-11 | A213407 (NP-B-85120) | A213407 | LEVER, operating, turret hand traversing mechanism brake | 1 |
| | G104-0303720 | 19-11 | B183269 (NP-C-85102) | B183269 | LEVER, release, turret hand traversing mechanism brake | 1 |
| | | 19-11 | A213420 (NP-B-85119) | A213420 | LINK, turret hand traversing mechanism brake operating lever to spreader | 1 |

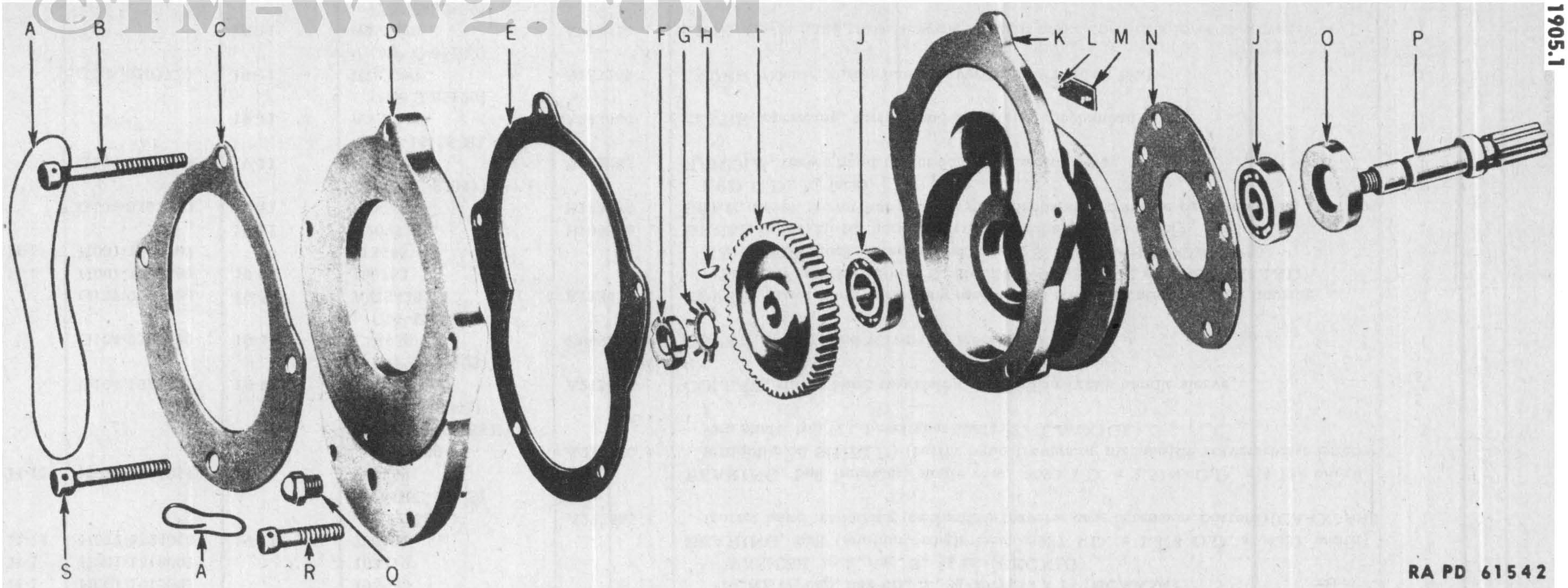
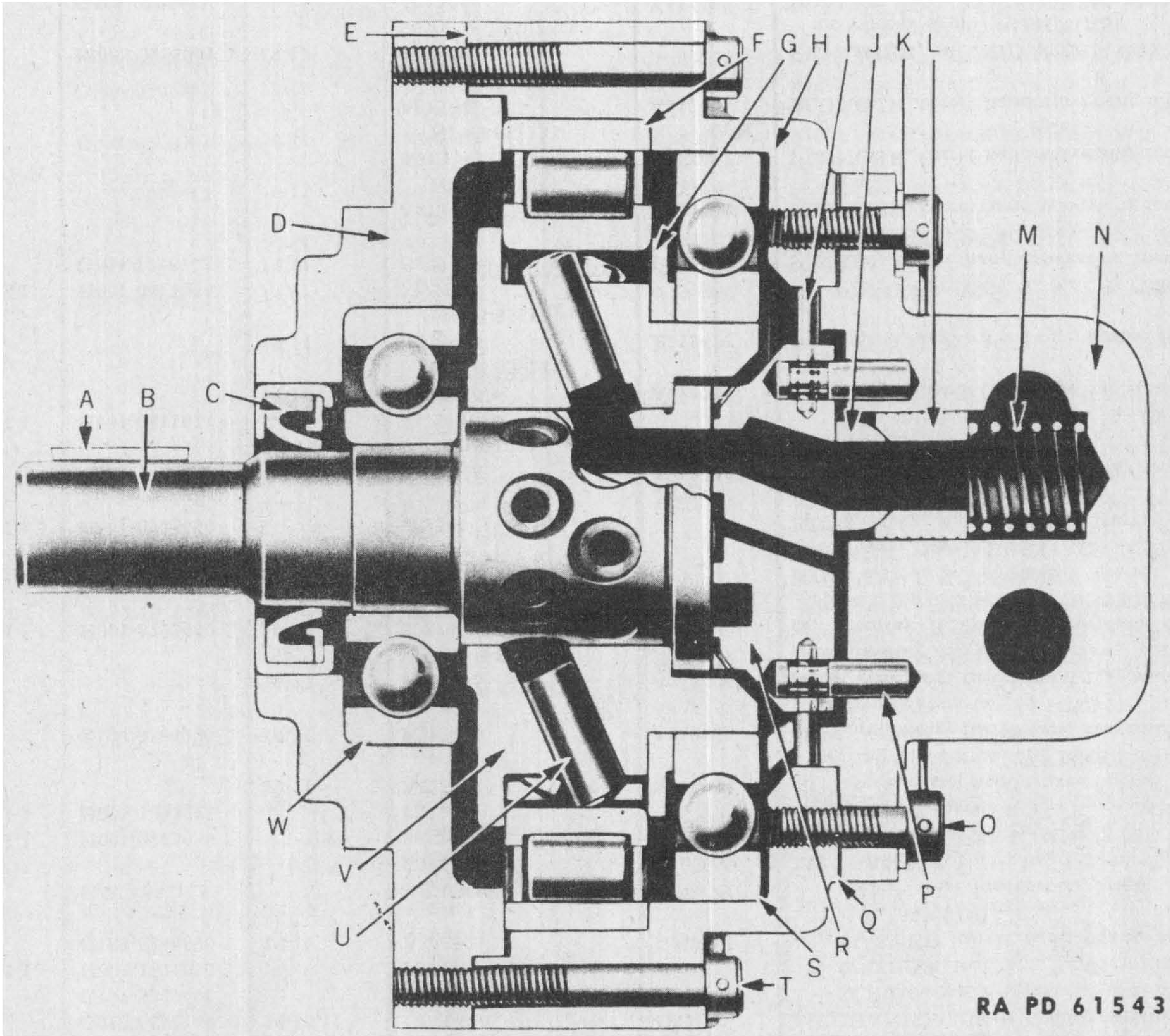



**FIGURE 19-12 — TURRET TRAVERSING MECHANISM MOTOR ADAPTER, B197471 — EXPLODED VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | WIRE | ANCX3 | 1905.3 |
| B | SCREW | A244861 | 1905.3 |
| C | GASKET | A244860 | 1905.3 |
| D | COVER | B197472 | 1905.3 |
| E | GASKET | A244859 | 1905.3 |
| F | NUT | 711010 | 1905.3 |
| G | WASHER | 711204 | 1905.3 |
| H | KEY | 106749 | 1905.3 |
| I | GEAR | A244854 | 1905.3 |
| J | BEARING | 700076 | 1905.3 |
| K | HOUSING | D47588 | 1905.3 |
| L | SCREW (furnished only as part of ADAPTER, ass'y B197471) | | 1905.3 |
| M | PLATE (furnished only as part of ADAPTER, ass'y B197471) | | 1905.3 |
| N | GASKET | A244857 | 1905.3 |
| O | OIL SEAL | A244855 | 1905.3 |
| P | SHAFT | A244856 | 1905.3 |
| Q | CUP | A245626 | 1905.3 |
| R | SCREW | A244853 | 1905.3 |
| S | SCREW | A244852 | 1905.3 |

RA PD 61542C




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | KEY | 106751 | 1905.3 |
| B | SHAFT | C95186 | 1905.3 |
| C | OIL SEAL | OG-215745 | 1905.3 |
| D | COVER | B197527 | 1905.3 |
| E | GASKET | A245553 | 1905.3 |
| F | BEARING | BN-O-865A | 1905.3 |
| G | RING | A245552 | 1905.3 |
| H | CASE | C95185 | 1905.3 |
| I | PIN | A244993 | 1905.3 |
| J | TUMBLER | A244994 | 1905.3 |
| K | GASKET | A244989 | 1905.3 |
| L | PISTON | A244999 | 1905.3 |
| M | SPRING | A244998 | 1905.3 |
| N | HEAD | B197529 | 1905.3 |
| O | SCREW | A244990 | 1905.3 |
| P | PIN | A244991 | 1905.3 |
| Q | GASKET | A245551 | 1905.3 |
| R | VALVE | B197530 | 1905.3 |
| S | BEARING | A245565 | 1905.3 |
| T | SCREW | A245554 | 1905.3 |
| U | PISTON | A244996 | 1905.3 |
| V | CYLINDER | B197528 | 1905.3 |
| W | BEARING | 700282 | 1905.3 |

RA PD 61543E

**FIGURE 19-13 — TURRET TRAVERSING MECHANISM HYDRAULIC MOTOR ASSEMBLY, C95184 — SECTIONAL VIEW**

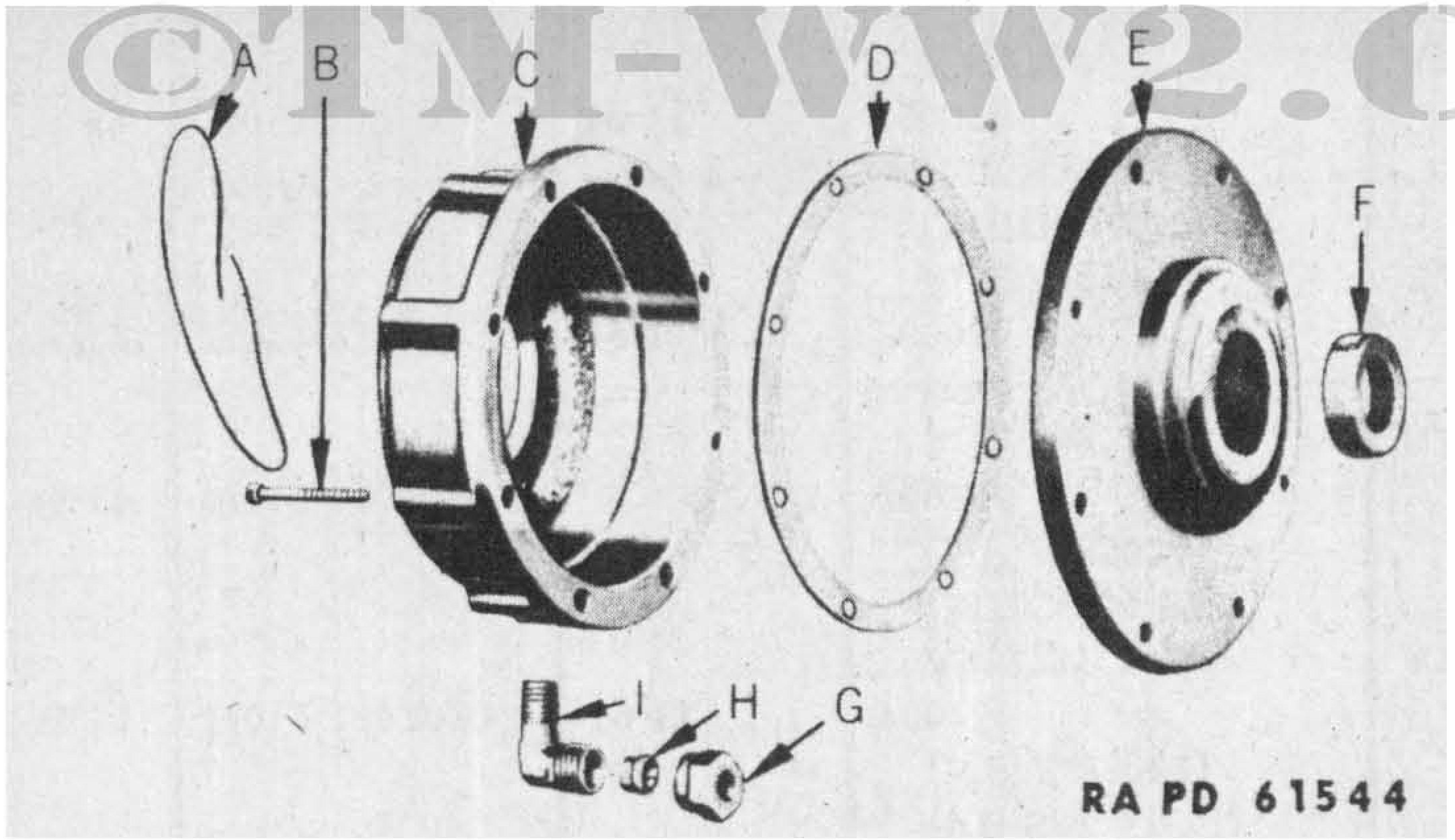
# GROUP 19 — TURRET

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G210-6582149 | 19-10,11 | D82149 | D82149 | MECHANISM, turret hand traversing, assembly | 1 | |
| | G197-5349496 | | A349496 | A349496 | SCREW, cap, hex-hd., S., $\frac{1}{2}$-20NF-2 x $1\frac{1}{2}$ (special) | 2 | |
| H-1 | H001-1516013 | | 103331 | | WASHER, lock, hv., S., $\frac{5}{8}$ in. (mechanism to turret) (BECX3P) | 2 | |
| | G183-5348895 | 19-11 | A348895 | A348895 | WASHER, turret hand traversing mechanism to upper ring (tapered, split, S., .505 I.D.) | 2 | |
| | 22W-1642125 | | BFWX1B | BFWX1 | WIRE, steel, low carbon, bright annealed, .0625 in. diam. | as req. | |
| | | | C100809 | C100809 | MECHANISM, turret hand traversing mechanism brake, assembly | 1 | |
| H-1 | H001-0725650 | | 503344 | | NUT, safety, S., $\frac{3}{8}$-24NF-3 (BBSX4AB) | 4 | |
| H-1 | H001-1023745 | | 137504 | | SCREW, mach., fl-hd., S., $\frac{3}{8}$-24NF-3 x 1 (BCLX1.1DK) | 4 | |
| | | 19-11 | A213431 | A213431 | NUT, lock, turret hand traversing mechanism traverse case extension shaft bottom bearing (S., slotted, $1\frac{1}{2}$-24NS-2 x $\frac{7}{32}$ thk.) | 1 | |
| | G104-0304290 | 19-11 | A213430 | A213430 | NUT, retaining, turret hand traversing mechanism traverse case extension shaft bottom bearing (S., $\frac{1}{2}$-24NS-2) | 1 | |
| | | 19-11 | A213406 (NP-B-85055) | A213406 | NUT, retaining, turret hand traversing mechanism traverse case extension shaft top bearing (S., $1\frac{3}{4}$-24NS-2) | 1 | |
| H-1 | H001-0725440 | 19-11 | 503249 | | NUT, safety, S., No. 10 (turret hand traversing mechanism brake operating lever spindle top and bottom) (BBSX1Z) | 2 | |
| H-1 | H001-0725670 | 19-11 | 503356 | | NUT, safety, S., $\frac{1}{4}$-20NF-3 (turret hand traversing mechanism traverse case extension shaft) (BBSX4AD) | 1 | |
| H-1 | H001-0725650 | | 503344 | | NUT, safety, S., $\frac{5}{16}$-24NF-3 (turret hand traversing mechanism brake handle sleeve locking) (BBSX4AB) | 1 | |
| | | 19-11 | A213728 (NP-85121) | A213728 | PIN, pivot turret hand traversing mechanism brake operating lever (rod end, S., $\frac{3}{8}$ x $1\frac{37}{64}$) | 1 | |
| H-1 | H001-0811024 | | 137130 | | PIN, cotter, split, S., $\frac{1}{16}$ x $\frac{7}{16}$ (BFAX1BB) | 1 | |
| | | 19-11 | A213734 (NP-A-85118) | A213734 | PIN, turret hand traversing mechanism brake operating lever link (stght., S., $\frac{1}{4}$ x .718) | 1 | |
| | | 19-11 | A213410 (NP-B-85110) | A213410 | PIN, turret hand traversing mechanism brake release lever (rod end, S., $\frac{3}{8}$ x $1\frac{23}{64}$) | 1 | |
| H-1 | H001-0811024 | | 137130 | | PIN, cotter, split, S., $\frac{1}{16}$ x $\frac{7}{16}$ (BFAX1BB) | 1 | |
| | G104-1738703 | 19-11 | B197507 | B197507 | PINION, turret hand traversing mechanism traverse case extension shaft (S., 20 T., 1.556 O.D., $\frac{9}{16}$ face) | 1 | |
| | | | A213422 (NP-B-85124) | A213422 | PLUNGER, turret hand traversing mechanism brake adjusting anchor, left | 1 | |
| | | | A213442 (NP-B-85123) | A213442 | PLUNGER, turret hand traversing mechanism brake adjusting anchor, right | 1 | |
| | | | A213441 (NP-B-85098) | A213441 | PLUNGER, turret hand traversing mechanism brake operating anchor | 2 | |
| | M005-0255001 | 19-11 | 500244 | | RETAINER, oil, 1 I.D. x 1.628 O.D. x $\frac{7}{16}$ width (turret hand traversing mechanism brake drum) (CLHX1AS) | 1 | |
| | G104-0305681 | | A213661 (NP-A-85117) | A213661 | ROLLER, turret hand traversing mechanism brake operating anchor | 2 | |
| | | 19-11 | A213446 (NP-B-85093) | A213446 | SCREW, adjusting, turret hand traversing mechanism brake (special, cone-pt., $\frac{1}{2}$-20NF-2) | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| H-1 | H001-1013234 | 19-11 | 216782 | | SCREW, cap, hex-hd., S., 5/16-24NF-2 x 1 3/4 (turret hand traversing mechanism brake handle sleeve locking) (BCBX1BF) | 1 |
| H-1 | H001-1033002 | 19-11 | 140868 | | SCREW, cup pt., safety, No. 10-24NC x 1/4 (set, turret hand traversing mechanism traverse case extension top bearing nut) (BCTX1AB) | 1 |
| | | 19-11 | A213447 (NP-B-85046) | A213447 | SCREW, retaining, turret hand traversing mechanism traverse case extension bevel gear (S., 5/16-24NF-2) | 1 |
| | G104-0306061 | 19-11 | B200372 | B200372 | SHAFT, turret hand traversing mechanism traverse case extension | 1 |
| | G104-0306261 | 19-11 | A213733 (NP-B-85114) | A213733 | SHIM, turret hand traversing mechanism brake handle (.016 thk.) | as req. |
| | G104-0306292 | 19-11 | B183433 (NP-A-85066) | B183433 | SHOE, brake, turret hand traversing mechanism, w/LINING, assembly | 2 |
| | G137-0387112 | 19-11 | A213662 (NP-B-85107) | A213662 | SLEEVE, turret hand traversing mechanism brake handle | 1 |
| | | 19-11 | A213427 (NP-B-85108) | A213427 | SLEEVE, turret hand traversing mechanism brake handle spindle | 1 |
| | G104-0305541 | 19-11 | A227686 | A227686 | SNAP RING, turret hand traversing mechanism traverse case extension shaft pinion | 1 |
| | | 19-11 | A213428 (NP-B-85103) | A213428 | SPINDLE, turret hand traversing mechanism brake operating lever to release lever | 1 |
| | | 19-11 | A213445 (NP-B-85099) | A213445 | SPREADER, operating, turret hand traversing mechanism brake | 1 |
| | | 19-11 | A213415 (NP-B-85104) | A213415 | SPRING, compression, turret hand traversing mechanism brake operating lever (13/32 O.D. x 6 3/16 free lgh.) | 1 |
| | | 19-11 | A213434 (NP-B-85097) | A213434 | SPRING, tension, turret hand traversing mechanism brake shoe (7/16 O.D. x 3 1/4 free lgh.) | 2 |
| H-1 | H001-1530010 | 19-11 | 103342 | | WASHER, plain, reg., S., 7/16 in. (turret hand traversing mechanism traverse case extension shaft) (BEBX1L) | 1 |
| H-1 | H001-1530005 | 19-11 | 103338 | | WASHER, plain, S., No. 10 (turret hand traversing mechanism brake operating lever spindle, bottom) (BEBX1E) | 1 |
| | | 19-11 | A213437 (NP-B-85113) | A213437 | WASHER, turret hand traversing mechanism brake operating lever spindle, top (plain, S., .187 I.D.) | 1 |

## 1905.2—TURRET POWER TRAVERSING MECHANISM BEARINGS, CASES AND GEARS

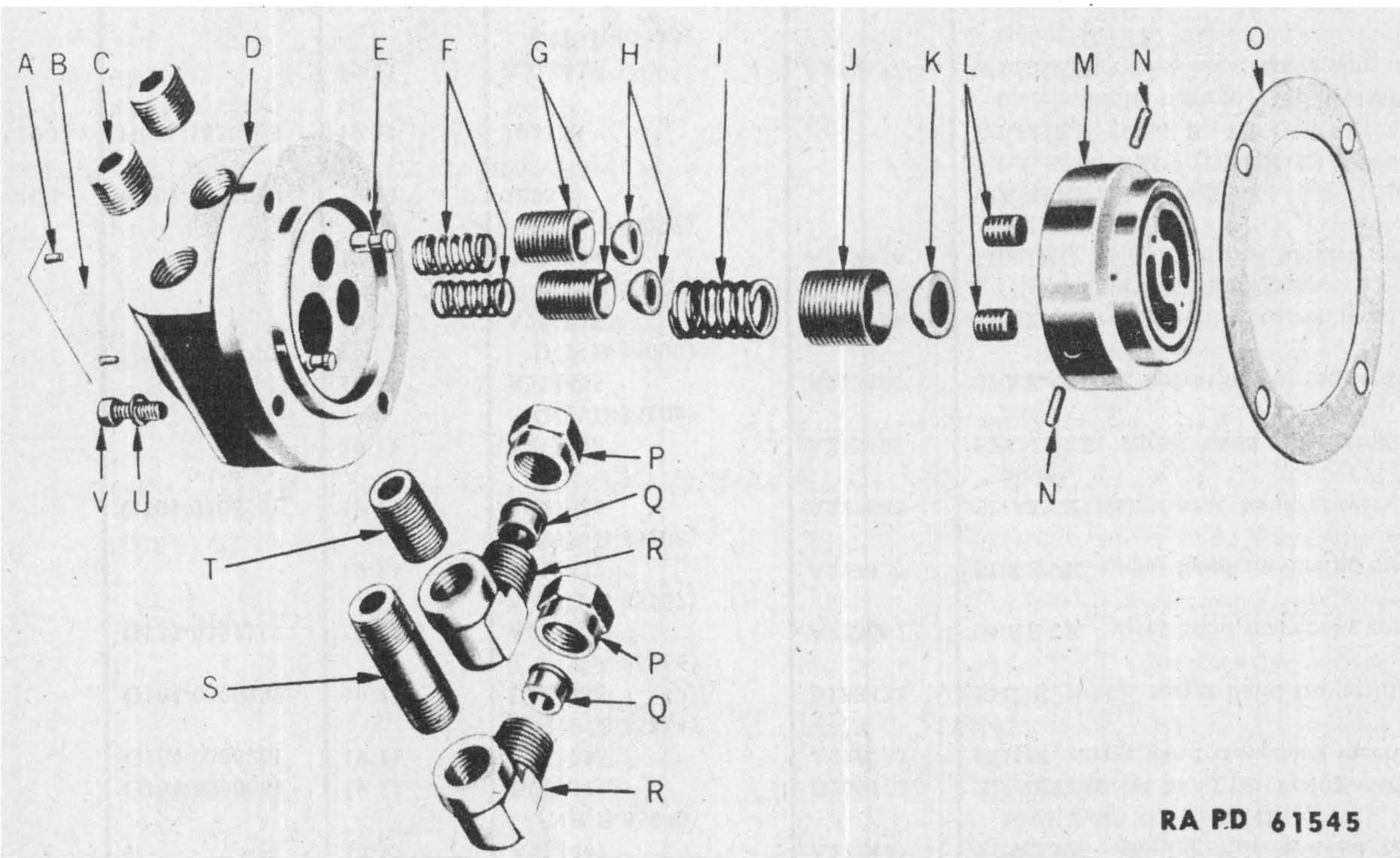
| | | | | | | |
|---|---|---|---|---|---|---|
| H-12 | H012-1800260 | 19-11 | 700060 A213702 (FB-S8) (NP-A-85012) | A213702 | BEARING, ball (annular, single row, .75 I.D. x 1.625 O.D. x .3125 width) (turret power traversing mechanism traverse case hydraulic motor shaft drive pinion) | 1 |
| H-12 | H012-1323020 | 19-11 | 700160 A213731 (MRC-204-SFF) (NP-A-85024) | A213731 | BEARING, ball (annular, single row, .7874 I.D. x 1.8504 O.D. x .5512 width, w/double oil SHIELD (turret power traversing mechanism traverse case secondary shaft) (CAAX1GM) | 2 |
| H-12 | H012-1405026 | | 700936 A336189 (ND-WC-87026) | A336189 | BEARING, ball (single row, radial, 1 seal, 1 shield, wide cup) (turret power traversing mechanism traverse case main drive shaft pinion, upper, w/double oil SHIELD) (superseded by BEARING, H012-1323025) | 1 |
| H-12 | H012-1323025 | 19-11 | 700066 A213732 (MRC-205-SFF) (NP-S-85009) | A213732 | BEARING, ball (annular, single row, .9843 I.D. x 2.0472 O.D. x .5906 width, w/double oil SHIELD (turret power traversing mechanism traverse case main drive shaft pinion, upper) (supersedes BEARING, H012-1405026) (CAAX1GN) | 1 |
| H-12 | H012-1323030 | 19-11 | 700070 A277742 | A277742 | BEARING, ball (annular, single row) (turret power traversing mechanism clutch, lower) (CAAX1GP) (superseded by BEARING, H012-1366030) | 1 |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | WIRE | ANCX3 | 1905.3 |
| B | SCREW | A245554 | 1905.3 |
| C | CASE | C95185 | 1905.3 |
| D | GASKET | A245553 | 1905.3 |
| E | COVER | B197527 | 1905.3 |
| F | OIL SEAL | OG-215745 | 1905.3 |
| G | NUT (furnished only as part of ELBOW, ass'y B183361E) | | 1905.3 |
| H | UNION (furnished only as part of ELBOW, ass'y B183361E) | | 1905.3 |
| I | ELBOW (furnished only as part of ELBOW ass'y B183361E) | | 1905.3 |

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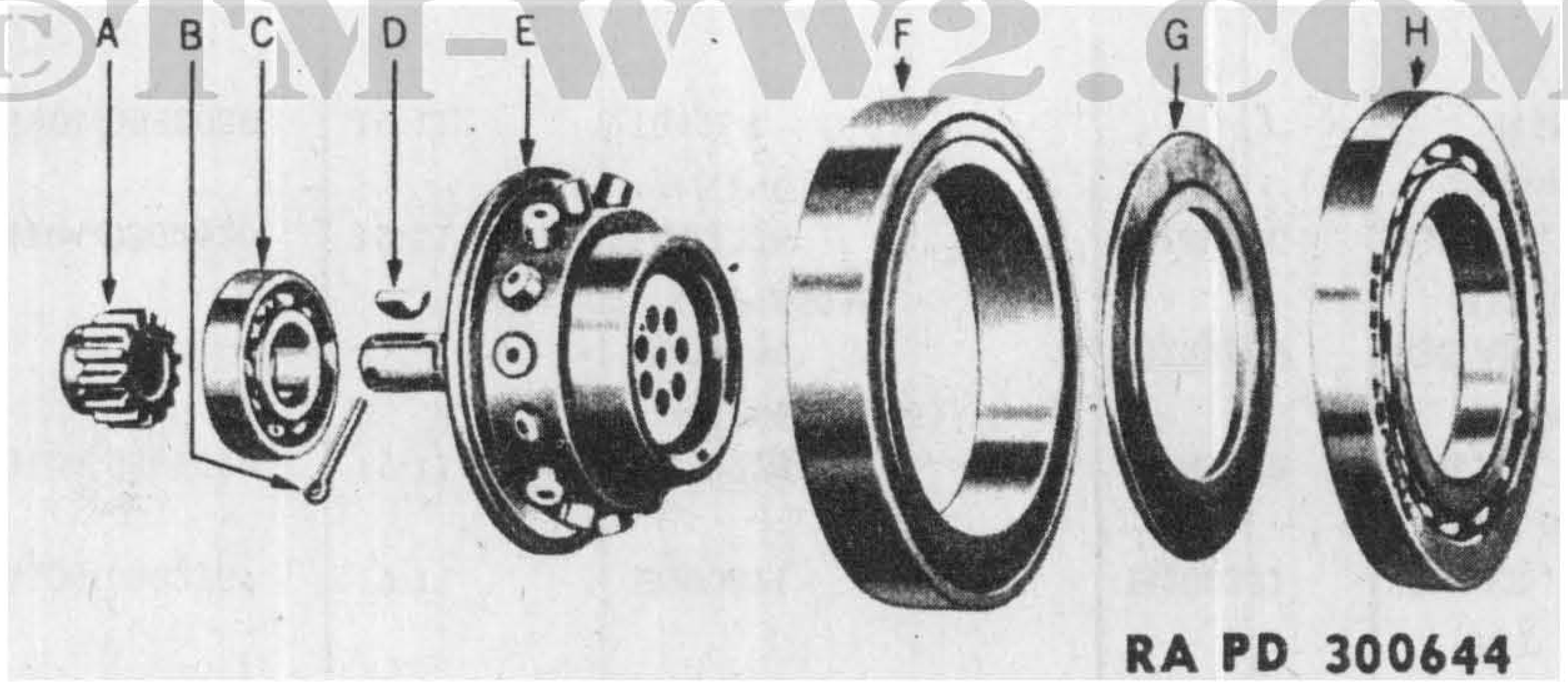
**FIGURE 19-14 — TURRET TRAVERSING MECHANISM HYDRAULIC MOTOR CASE AND COVER — EXPLODED VIEW**




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SCREW (furnished only as part of HEAD ass'y, OG-L-39379) | | 1905.3 |
| B | PLATE (furnished only as part of HEAD ass'y, OG-L-39379) | | 1905.3 |
| C | PLUG | A164342C | 1905.3 |
| D | HEAD | B97529 | 1905.3 |
| E | PIN | A244991 | 1905.3 |
| F | SPRING | A245550 | 1905.3 |
| G | PISTON | A244997 | 1905.3 |
| H | TUMBLER | A244992 | 1905.3 |
| I | SPRING | A244998 | 1905.3 |
| J | PISTON | A244999 | 1905.3 |
| K | TUMBLER | A244994 | 1905.3 |
| L | PISTON | A244995 | 1905.3 |
| M | VALVE | B197530 | 1905.3 |
| N | PIN | A244993 | 1905.3 |
| O | GASKET | A245551 | 1905.3 |
| P | NUT (furnished only as part of ELBOW ass'y, A191243G) | | 1905.3 |
| Q | UNION (furnished only as part of ELBOW ass'y, A191243G) | | 1905.3 |
| R | ELBOW (furnished only as part of ELBOW ass'y, A191243G) | | 1905.3 |
| S | NIPPLE | B208466C | 1905.3 |
| T | NIPPLE | B208466B | 1905.3 |
| U | GASKET | A244989 | 1905.3 |
| V | SCREW | A244990 | 1905.3 |

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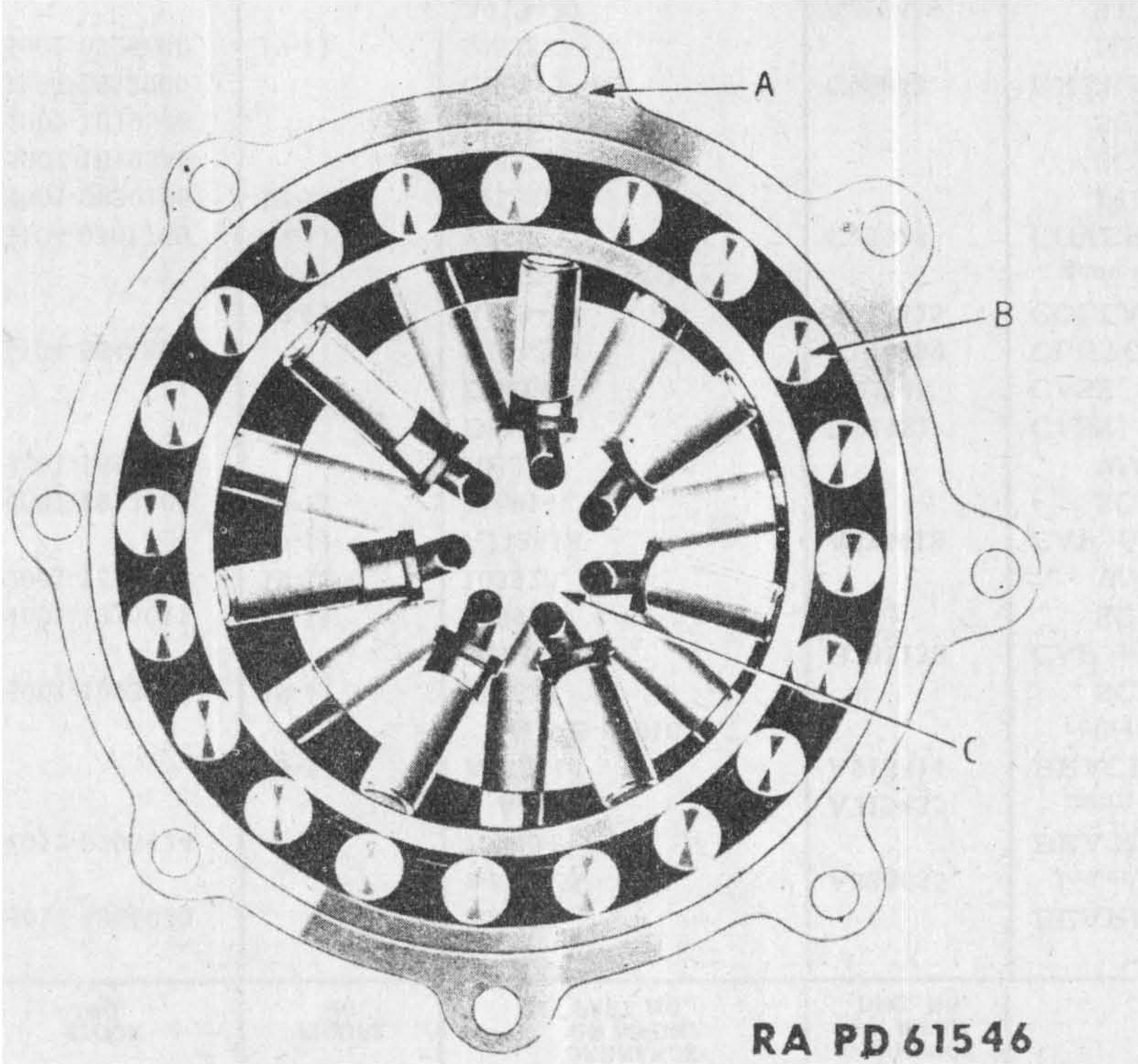
**FIGURE 19-15 — TURRET TRAVERSING MECHANISM HYDRAULIC MOTOR END HEAD ASSEMBLY, OG-L-39379 — AND RELATED PARTS — EXPLODED VIEW**




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PINION | A244858 | 1905.3 |
| B | PIN | 103386 | 1905.3 |
| C | BEARING | 700282 | 1905.3 |
| D | KEY | 106751 | 1905.3 |
| E | SHAFT, w/CYLINDER and PISTON, ass'y | OG-L-39378 | 1905.3 |
| F | BEARING | BN-O-865A | 1905.3 |
| G | RING | A245552 | 1905.3 |
| H | BEARING | A245565 | 1905.3 |

RA PD 300644E

**FIGURE 19-16 — TURRET TRAVERSING MECHANISM HYDRAULIC MOTOR SHAFT AND BEARINGS — EXPLODED VIEW**




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | CASE | C95185 | 1905.3 |
| B | BEARING | BN-O-865A | 1905.3 |
| C | SHAFT, w/CYLINDER ana PISTON, ass'y | OG-L-39378 | 1905.3 |

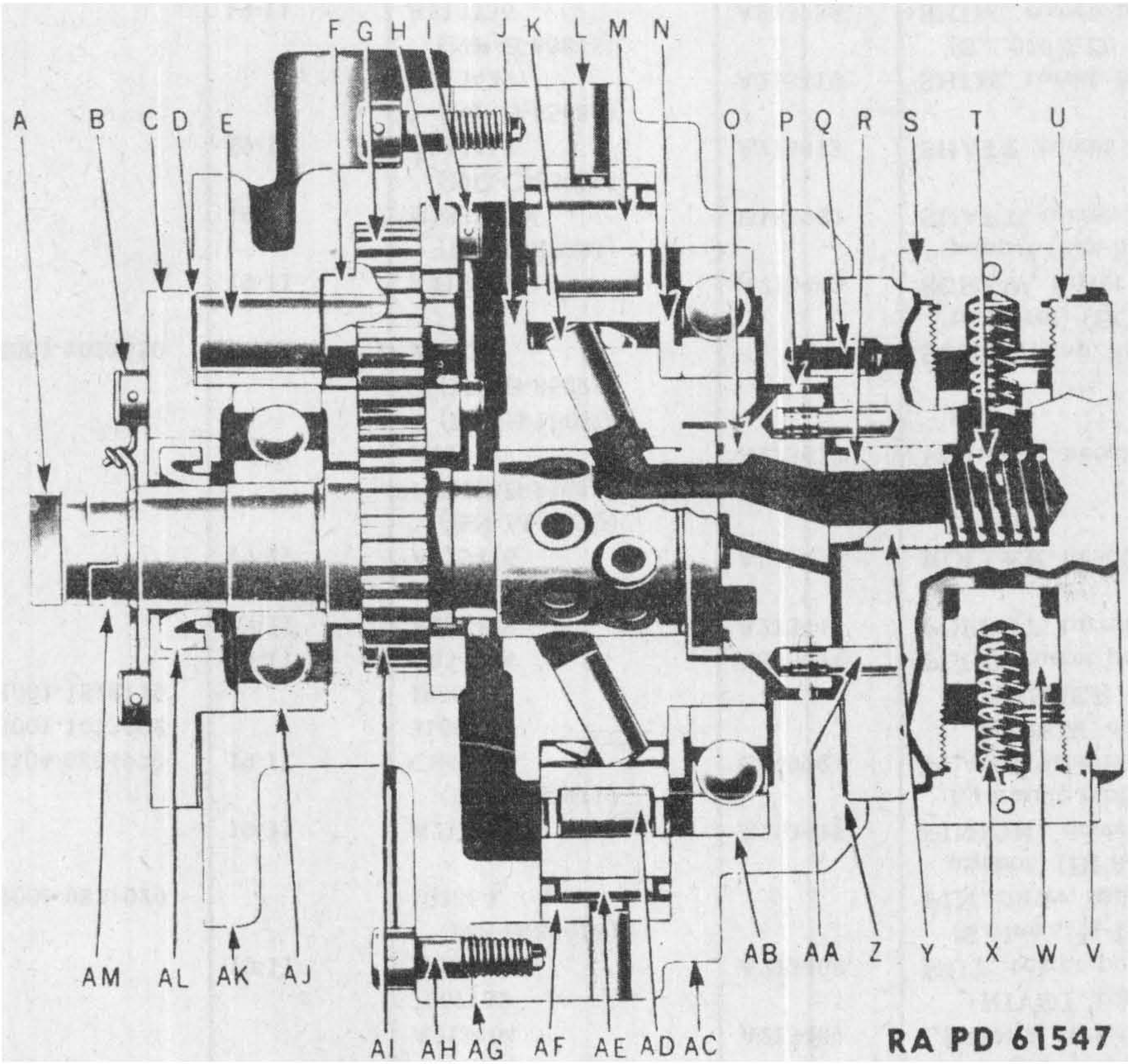
RA PD 61546E

**FIGURE 19-17 — TURRET TRAVERSING MECHANISM HYDRAULIC MOTOR ASSEMBLY, C95184 — SECTIONAL VIEW**

## GROUP 19 — TURRET

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| H-12 | H012-1366030 | | 700918<br>A336055 | A336055 | BEARING, ball (annular, single row) (turret power traversing mechanism, clutch, lower) (supersedes BEARING, H012-1323030) | 1 | |
| H-12 | H012-0709434 | | 709434<br>A213435 | A213435 | BEARING, roller (1.2500 bore, 1.500 O.D., 1 width) (turret traversing mechanism main drive shaft pinion) | 1 | |
| | | 19-11 | A213414<br>(NP-B-85016) | A213414 | BRACKET, turret traversing mechanism traverse case hydraulic motor pinion roller | 1 | |
| H-1 | H001-1023624 | 19-11 | 117633 | | SCREW, mach., fl-hd., S., No. 10 (.190)-32NF-2 x 7/16 (BCLX1.1AE) | 3 | |
| | | | B301138 | B301138 | CAP, retaining, turret power traversing mechanism clutch lower bearing | 1 | |
| H-1 | H001-1013017 | 19-11 | 216920 | | SCREW, cap, hex-hd., S., 5/16-18NC-2 x 3/4 (BCAX1BA) | 5 | |
| H-1 | H001-1518008 | 19-11 | 103320 | | WASHER, lock, reg., S., 5/16 in. (BECX1H) | 5 | |
| | | 19-11 | A213418 | A213418 | CAP, turret power traversing mechanism secondary shaft lower ball bearing | 1 | |
| H-1 | H001-1013002 | 19-11 | 216914 | | SCREW, cap, hex-hd., S., 1/4-20NC-2 x 5/8 (BCAX3K) | 3 | |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., 1/4 in. (BECX1G) | 3 | |
| | | | D81981 | D81981 | CASE, turret power traversing mechanism clutch (superseded by CASE, D82145) | 1 | |
| | | 19-11 | D82145 | D82145 | CASE, turret power traversing mechanism clutch (supersedes CASE, D81981) | 1 | |
| | G104-5644899 | | C144899 | C144899 | CLUTCH, turret power traversing mechanism, assembly | 1 | |
| | | 19-11 | A213423<br>(NP-B-85031) | A213423 | COLLAR, turret power traversing mechanism traverse case secondary shaft pinion gear (bz., .907 I.D. x 1 3/16 O.D. x .094 thk.) | 1 | |
| | G104-0301760 | 19-11 | C84928 | C84928 | COVER, turret power traversing mechanism gear case | 1 | |
| H-1 | H001-0830196 | 19-11 | 505533 | | PIN, stght., drill rod, .3125 x 1 (BFDX2BC) | 2 | |
| H-1 | H001-1019545 | | 138222 | | SCREW, cap, socket-hd., alloy-S., 5/16-18NC-3 x 1 (BCWX1CF) | 3 | |
| H-1 | H001-1019548 | | 138225 | | SCREW, cap, socket-hd., alloy-S., 5/16-18NC-3 x 1 3/4 (BCWX1CK) | 3 | |
| | G104-2653900 | | C96843 | C96843 | EXTENSION, turret power traversing mechanism traverse case, assembly | 1 | |
| H-1 | H001-0725640 | 19-11 | 503338 | | NUT, safety, S., 1/4-28NF-3 (BBSX4AA) | 4 | |
| | | | A213439<br>(NP-B-85056) | A213439 | STUD, turret power traversing mechanism extension housing to traverse case (1/4-28NF-2 (1/2) x 15/16 x 1/4-20NC-2 (5/16) | 4 | |
| H-2 | H002-0504208 | 19-11 | 504208 | | FITTING, lubricating, hydr-type, stght., ball seal, 1/8-27NPT, male (turret power traversing mechanism traverse case secondary shaft top bearing) (CLDX6A) | 1 | |
| | | 19-11 | A213432<br>(NP-B-85081) | A213432 | FORK, shifter, turret power traversing mechanism sliding gear | 1 | |
| | | 19-11 | A213411 | A213411 | FULCRUM, turret power traversing mechanism gear shift lever | 1 | |
| | G104-0302586 | 19-11 | B200395 | B200395 | GEAR, bevel, turret power traversing mechanism traverse case secondary shaft (36T., 3.060 O.D., .6 face) | 1 | |
| | G104-0302587 | 19-11 | B200371 | B200371 | GEAR, turret power traversing mechanism traverse case extension shaft (14T., face angle 65° 47′, 1.322 O.D.) | 1 | |
| | G104-0302610 | 19-11 | B183278<br>(NP-C-85005) | B183278 | GEAR, turret power traversing mechanism traverse case main drive pinion shaft (S., 60T) | 1 | |
| | | | B209509<br>(NP-85058) | B209509 | GEAR, turret power traversing mechanism secondary shaft, assembly (Includes: RIVET and SLEEVE) | 1 | |
| | G104-0302620 | 19-11 | B183276<br>(NP-C-85020) | B183276 | GEAR, driven, turret power traversing mechanism traverse case secondary shaft hydraulic motor pinion (56T., 4.432 O.D., .625 face) | 1 | |
| H-1 | H001-0926080 | 19-11 | 104238 | | RIVET, ck-hd., S., 3/16 x 7/8 (secondary shaft driven gear to sleeve gear) (BMCX1) | 6 | |

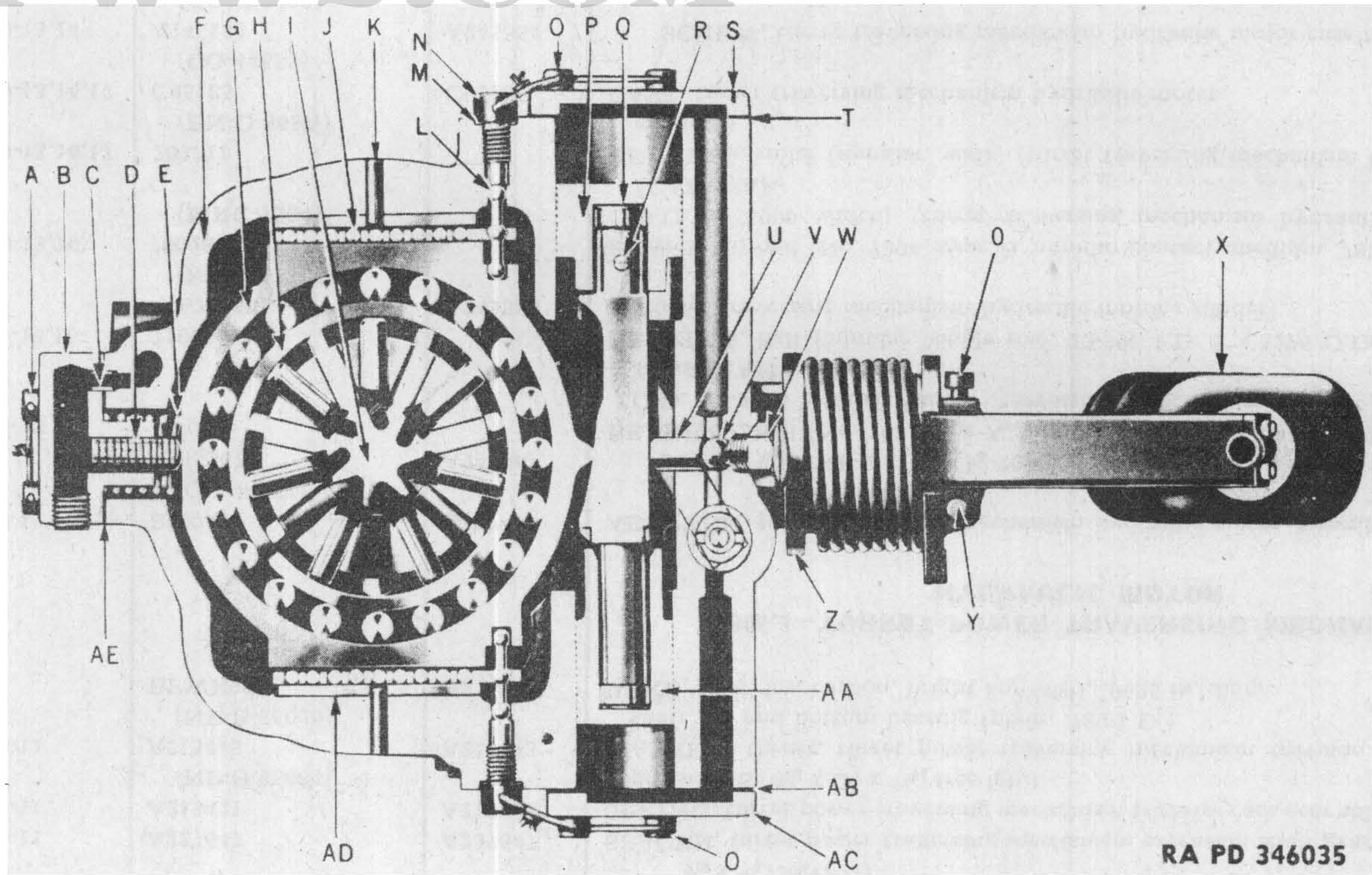
| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0302651 | 19-11 | B200405 | B200405 | GEAR, sliding clutch, turret power traversing mechanism traverse case secondary shaft (16T., 1.253 I.D.) | 1 |
| | G104-0302120 | 19-11 | C84931 (NP-D-85041) | C84931 | HOUSING, turret power traversing mechanism traverse case extension | 1 |
| | G104-1658653 | 19-11 | A244923 | A244923 | KEY, turret power traversing mechanism traverse case secondary shaft sliding clutch gear (.3125 sq., 7/16 lgh.) | 1 |
| | G104-0303731 | | B200400 | B200400 | LEVER, shifting, turret power traversing mechanism traverse case secondary shaft sliding clutch gear (superseded by LEVER, 7041259) | 1 |
| | | 19-11 | 7041259 | | LEVER, shifting, turret power traversing mechanism traverse case secondary shaft sliding clutch gear (supersedes LEVER, G104-0303731) | 1 |
| H-1 | H001-0811024 | | 137130 | | PIN, cotter, 1/16 x 7/16 (BFAX1BB) | 2 |
| | | 19-11 | A213412 | A213412 | PIN, turret power traversing mechanism sliding clutch gear shifting lever to gear shifter fork shaft and fulcrum (rod end, S., 3/8 x 43/64) | 2 |
| | | | A213404 | A213404 | LINING, turret power traversing mechanism brake shoe | 2 |
| | | | 7067132 | | RIVET, turret power traversing mechanism brake shoe lining | 16 |
| | | 19-11 | A213408 (NP-B-85018) | A213408 | NUT, turret power traversing mechanism traverse case main drive shaft pinion (S., hex., 3/4-16NF-2 x 3/16) | 2 |
| H-1 | H001-0811029 | | 103364 | | PIN, cotter, split, S., 1/16 x 1 1/4 (turret power traversing mechanism brake operating anchor) (BFAX1BR) | 2 |
| | | 19-11 | A213425 (NP-B-85011) | A213425 | PINION, drive, turret power traversing mechanism traverse case shaft (for hydraulic motor) (S., 18T., 1.666 O.D., .625 face) | 1 |
| | G104-0304970 | 19-11 | C84929 | C84929 | PLATE, adapter, turret power traversing mechanism hydraulic motor | 1 |
| H-1 | H001-1013002 | | 216914 | | SCREW, cap, hex-hd., S., 1/4-20NC-2 x 5/8 (BCAX3K) | 3 |
| H-1 | H001-1518119 | | 103319 | | WASHER, lock, reg., S., 1/4 in. (BECX1G) | 3 |
| | | 19-11 | A336044 | A336044 | PLUG, turret power traversing mechanism clutch bearing cap adjustment hole | 1 |
| | | 19-11 | A213448 (NP-B-85085) | A213448 | POPPET, turret power traversing mechanism traverse case gear shift lever shaft | 1 |
| | | 19-11 | A213416 (BN-M-548Q) (NP-B-85015) | A213416 | ROLLER, needle, turret hand traversing mechanism traverse case hydraulic motor pinion | 28 |
| | | 19-11 | A213417 (BN-B-1607Q) (NP-B-85025) | A213417 | ROLLER, needle, turret hand traversing mechanism traverse case secondary shaft gears | 40 |
| H-1 | H001-1013330 | 19-11 | 215930 | | SCREW, cap, hex-hd., S., 5/8-18NF-2 x 4 (turret power traversing mechanism case to turret) (BCBX2BP) | 2 |
| | | 19-11 | A213449 (NP-B-85083) | A213449 | SCREW, turret hand traversing mechanism traverse case gear shifter fork shaft poppet (hex-hd., br., 1/2-20NF-2 x 7/8) | 1 |
| | | 19-11 | B183282-4 (NC-C-85019) | B183282 | SHAFT, turret hand traversing mechanism traverse case, secondary | 1 |
| | | 19-11 | A213413 (NP-B-85082) | A213413 | SHAFT, turret hand traversing mechanism traverse case gear shifter fork | 1 |
| | | | A213419 (NP-B-85045) | A213419 | SHIM, turret hand traversing mechanism traverse case extension ball bearing (S., .670 I.D. x 29/32 O.D. x .0075 thk.) | as req. |
| | | 19-11 | A213736 (NP-B-85090) | A213736 | SHIM, turret hand traversing mechanism traverse case extension ball bearing (S., .670 I.D. x 29/32 O.D. x .010 thk.) | as req. |
| | | | A213739 (NP-B-85039) | A213739 | SHIM, turret hand traversing mechanism traverse case extension housing flange (S., 2.093 I.D. x 3 1/4 O.D. x .005 thk.) | as req. |
| | | 19-11 | A213740 (NP-B-85039) | A213740 | SHIM, turret hand traversing mechanism traverse case extension housing flange (S., 2.093 I.D. x 3 1/4 O.D. x .0075 thk.) | as req. |
| | | | A213429 (NP-B-85013) | A213429 | SHIM, turret hand traversing mechanism traverse case secondary shaft lower bearing (S., 1 1/2 I.D. x 1 13/16 O.D. x .005 thk.) | as req. |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | COUPLING | A245609 | 1905.5 |
| B | SCREW | A245579 | 1905.5 |
| C | HOUSING | A245605 | 1905.5 |
| D | GASKET | A245583 | 1905.5 |
| E | SHAFT | A245581 | 1905.5 |
| F | BUSHING | A245577 | 1905.5 |
| G | GEAR | A245575 | 1905.5 |
| H | COVER | A245582 | 1905.5 |
| I | SCREW | A245585 | 1905.5 |
| J | CYLINDER | B197528 | 1905.5 |
| K | PISTON | A244996 | 1905.5 |
| L | PIN | A244981 | 1905.5 |
| M | RACE | B197537 | 1905.5 |
| N | RING | A245552 | 1905.5 |
| O | VALVE | B197530 | 1905.5 |
| P | PIN | A245584 | 1905.5 |
| Q | CONNECTOR | A245587 | 1905.5 |
| R | TUMBLER | A244994 | 1905.5 |
| S | CAP | A245590 | 1905.5 |
| T | SPRING | A244998 | 1905.5 |
| U | GASKET | A245593 | 1905.5 |
| V | HEAD | C95190 | 1905.5 |
| W | VALVE | A245592 | 1905.5 |
| X | SPRING | A245591 | 1905.5 |
| Y | PISTON | A244999 | 1905.5 |
| Z | GASKET | A245599 | 1905.5 |
| AA | PIN | A244991 | 1905.5 |
| AB | BEARING | A245565 | 1905.5 |
| AC | CASE | D47519 | 1905.5 |
| AD | BEARING | BN-O-866A | 1905.5 |
| AE | ROLLER, w/CAGE, ass'y | OG-L-216151 | 1905.5 |
| AF | PLATE | A245612 | 1905.5 |
| AG | GASKET | A245615 | 1905.5 |
| AH | SCREW | A245607 | 1905.5 |
| AI | GEAR | A245574 | 1905.5 |
| AJ | BEARING | 700282 | 1905.5 |
| AK | HOUSING | C95192 | 1905.5 |
| AL | OIL SEAL | 500012 | 1905.5 |
| AM | SHAFT | C95191 | 1905.5 |

RA PD 61547E

**FIGURE 19-18 — TURRET TRAVERSING MECHANISM HYDRAULIC PUMP ASSEMBLY, D78262 — SECTIONAL VIEW**



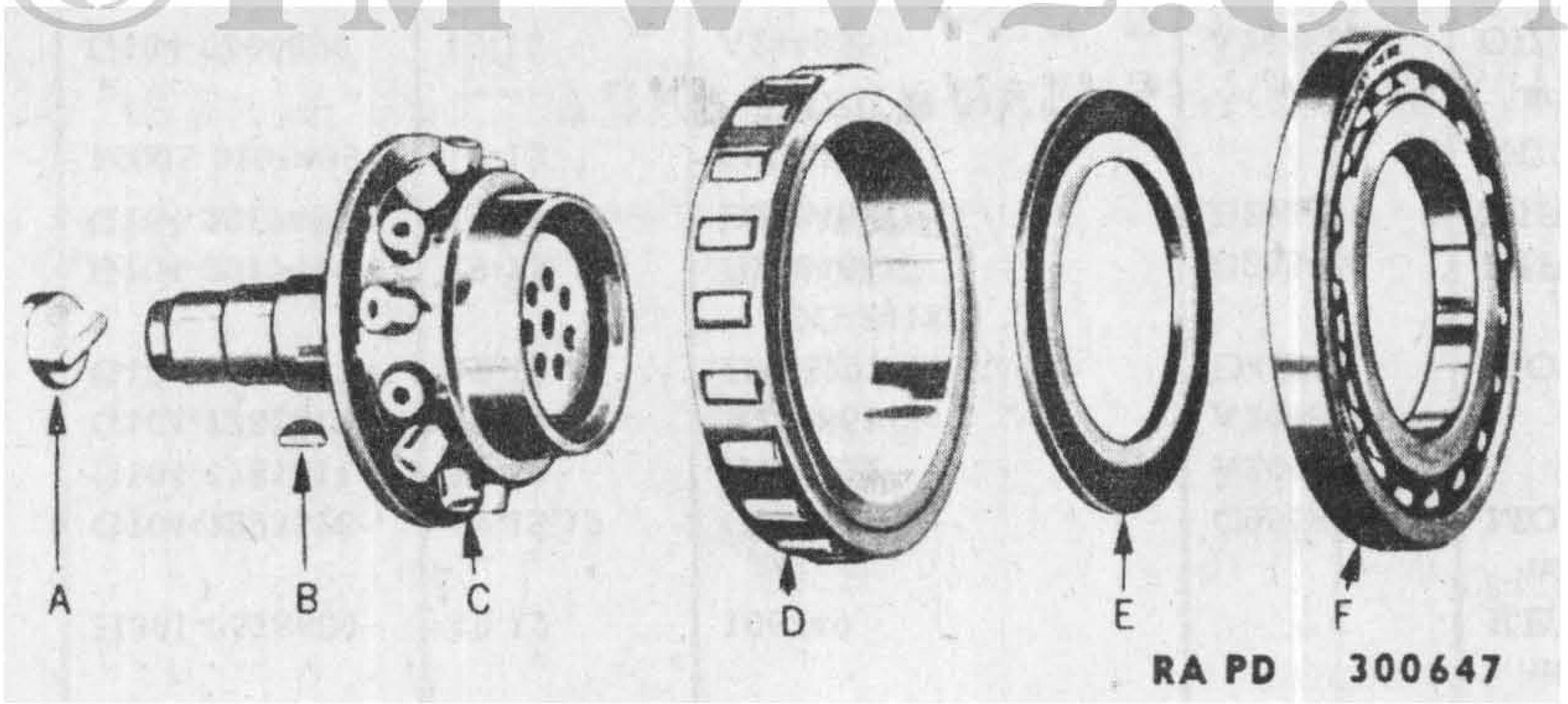

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SCREW | A245580 | 1905.61 |
| B | FLANGE | A245586 | 1905.61 |
| C | CONNECTOR | A245587 | 1905.5 |
| D | PISTON | A245588 | 1905.61 |
| E | SPRING | A245594 | 1905.61 |
| F | CASE | D47519 | 1905.5 |
| G | RACE | B197537 | 1905.5 |
| H | BEARING | BN-O-866A | 1905.5 |
| I | SHAFT, w/CYLINDER and PISTON, ass'y | B197646 | 1905.5 |
| J | ROLLER, w/CAGE, ass'y | OG-L-216151 | 1905.5 |
| K | PIN | A244981 | 1905.5 |
| L | PIN | A245613 | 1905.5 |
| M | GASKET | A245606 | 1905.5 |
| N | SCREW | A245614 | 1905.5 |
| O | SCREW | A244976 | 1905.61 |
| P | PISTON | A245611 | 1905.61 |
| Q | CAM | D78260 | 1905.61 |
| R | PIN | 103386 | 1905.61 |
| S | COVER | A245589 | 1905.61 |
| T | GASKET | A245597 | 1905.5 |
| U | ROLLER | A245603 | 1905.61 |
| V | BALL | 104921 | 1905.5 |
| W | SCREW | A245604 | 1905.5 |
| X | HANDLE | C101074 | 1905.61 |
| Y | SCREW | 138202 | 1905.61 |
| Z | HOUSING | A244978 | 1905.61 |
| AA | PISTON | A245610 | 1905.61 |
| AB | GASKET | A245617 | 1905.5 |
| AC | COVER | A245616 | 1905.61 |
| AD | PLATE | A245612 | 1905.5 |
| AE | GASKET | A245598 | 1905.61 |

RA PD 346035A

**FIGURE 19-19 — TURRET TRAVERSING MECHANISM HYDRAULIC PUMP ASSEMBLY, 7053868 — BOTTOM VIEW**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | A213742 (NP-B-85106) | A213742 | SHIM, turret hand traversing mechanism traverse case secondary shaft lower bearing (S., 1 1/2 I.D. x 1 13/16 O.D. x .0075 thk.) | as req. | |
| | G210-5349694 | | A349694 | A349694 | SHIM, turret hand traversing mechanism traverse case to turret | 1 | |
| H-12 | H012-0710051 | 19-11 | B201146 | B201146 | SHIM, turret hand traversing mechanism clutch (.030 thk.) | as req. | |
| | G104-0302630 | 19-11 | B183277 (NP-C-85021) | B183277 | SLEEVE, turret power traversing mechanism traverse case secondary shaft, w/integral GEAR (16T., 2.75 O.D., .219 face) | 1 | |
| | G104-0305542 | 19-11 | A213738 (NP-A-85111) | A213738 | SNAP RING, turret power traversing mechanism traverse case hydraulic motor shaft drive pinion bearing | 1 | |
| | | 19-11 | A213424 (NP-B-85014) | A213424 | SNAP RING, turret power traversing mechanism traverse case secondary shaft and hydraulic motor pinion | 3 | |
| | G104-1789444 | | A245956 | A245956 | SPACER, turret power traversing mechanism traverse case bracket to turret (S., .250 thk.) | 2 | |
| | G163-0389412 | 19-11 | B200396 | B200396 | SPACER, turret power traversing mechanism extension shaft | 1 | |
| H-1 | H001-0725640 | 19-11 | 503338 | | NUT, safety, S., 1/4-28NF-3 (BBSX4AA) | 4 | |
| | | | A213439 | A213439 | STUD, turret power traversing mechanism spacer to housing (1/4-20NC-2 x 5/16 x 1/4-28NF-2) | 4 | |
| | G104-1789430 | 19-11 | A227647 | A227647 | SPACER, turret power traversing mechanism extension shaft gear | 1 | |
| | | 19-11 | A213421 (NP-B-85084) | A213421 | SPRING, turret power traversing mechanism traverse case gear shift poppet (compression, S., 9/64 I.D. x 29/64 free lgh.) | 1 | |
| | | 19-11 | A213443 (NP-B-85026) | A213443 | WASHER, thrust, turret power traversing mechanism traverse case secondary shaft top and bottom bearing (plain, .789 I.D.) | 2 | |
| | 22W-1642125 | | BFWX1B | BFWX1 | WIRE, steel, low carbon, bright annealed, .0625 in. diam. | as req. | |
| | | | | | **1905.3—TURRET POWER TRAVERSING MECHANISM HYDRAULIC MOTOR** | | |
| | G104-2503602 | 19-12 | B197471 (OG-44961) | B197471 | ADAPTER, turret traversing mechanism hydraulic motor, assembly | 1 | |
| | G104-1792295 | | A245967 | A245967 | STUD (1/4-28NF-2 x 5/8) (1/4-20NC-3 x 11/32) 1 5/16 | 1 | |
| H-12 | H012-1303017 | 19-12 | 700076 | | BEARING, ball (No. 203, type A, annular, single row, light, .8693 I.D. x 1.5748 O.D. x .4724 width) (turret traversing mechanism motor adapter shaft) (CAAX1AH) | 2 | |
| H-12 | H012-0710059 | 19-13,16 | 710059 A245565 (MRC-113M) | A245565 | BEARING, ball (annular, single row, 2.5591 I.D. x 4.5276 O.D. x 0.5512 lgh.) (turret traversing mechanism hydraulic motor cylinder) | 1 | |
| H-12 | H012-0305020 | 19-13,16 | 700282 (MRC-7304) | | BEARING, ball (No. 7304, type B, annular contact, medium .7874 I.D. x 2.0472 O.D. x .5906 width) (turret traversing mechanism hydraulic motor shaft) (CADX2AE) | 1 | |
| H-12 | H012-0707711 | 19-13,16,17 | 707711 (BN-O-865A) | | BEARING, roller (annular, wide) (turret traversing mechanism hydraulic motor cylinder) | 1 | |
| | G104-2564000 | 19-13,14,17 | C95185 (OG-44855) | C95185 | CASE, turret traversing mechanism hydraulic motor | 1 | |
| | G104-1781812 | 19-13,14 | A245554 (OG-215823) | A245554 | SCREW, turret traversing mechanism hydraulic motor case to cover | 4 | |

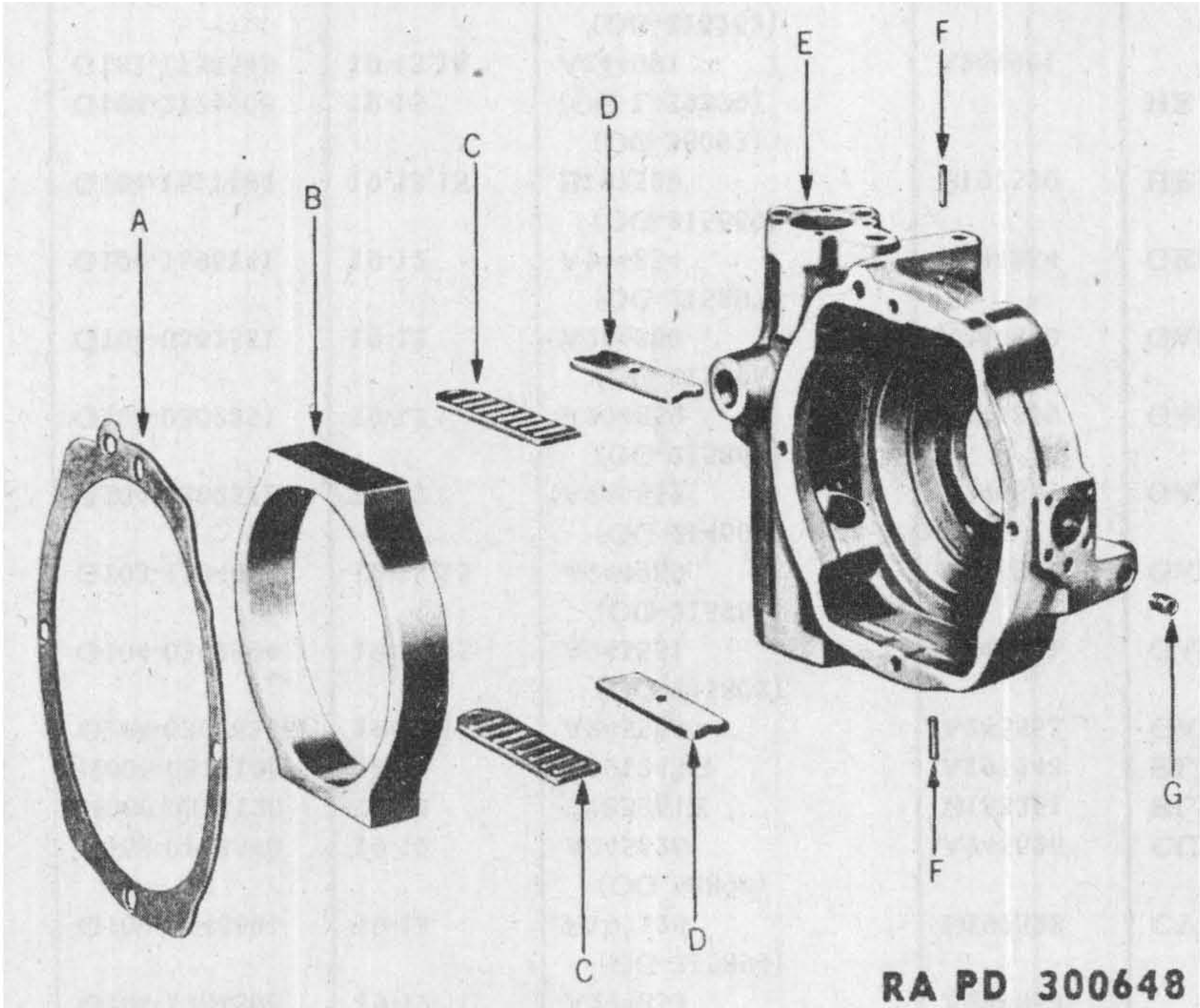
| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-2580213 | 19-13,14 | B197527 (OG-38902) | B197527 | COVER, turret traversing mechanism hydraulic motor | 1 |
| | G104-2580212 | 19-12 | B197472 (OG-38947) | B197472 | COVER, turret traversing mechanism hydraulic motor adapter | 1 |
| | G104-1781806 | 19-12 | A244853 (OG-215894) | A244853 | SCREW, turret traversing mechanism motor adapter cover | 2 |
| | G104-1545601 | 19-13 | B197528 (OG-38899) | B197528 | CYLINDER, radial, turret traversing mechanism hydraulic motor | 1 |
| | G163-0143548 | 19-12 | A245626 | A245626 | CUP, oil, turret traversing mechanism hydraulic motor adapter | 1 |
| H-6 | H006-0333120 | 19-14 | B183361E | B183361 | ELBOW, turret traversing mechanism hydraulic motor case, assembly | 1 |
| H-6 | H006-0327120 | 19-15 | A191243G | A191243 | ELBOW, turret traversing mechanism hydraulic motor head | 2 |
| | G104-0302514 | 19-13,14 | A245553 (OG-215822) | A245553 | GASKET, turret traversing mechanism hydraulic motor cover | 1 |
| | G104-0302394 | 19-13,15 | A245551 (OG-215781) | A245551 | GASKET, turret traversing mechanism hydraulic motor head | 1 |
| | G103-1594004 | 19-13,15 | A244989 (OG-214602) | A244989 | GASKET, turret traversing mechanism hydraulic motor head screw | 4 |
| | G104-0302519 | 19-12 | A244857 (OG-215865) | A244857 | GASKET, turret traversing mechanism hydraulic motor adapter, bottom | 1 |
| | G104-0302351 | 19-12 | A244859 (OG-215896) | A244859 | GASKET, turret traversing mechanism hydraulic motor adapter cover | 1 |
| | G104-0302551 | 19-12 | A244860 (OG-215897) | A244860 | GASKET, turret traversing mechanism hydraulic motor adapter, top | 1 |
| | G104-1596141 | 19-12 | A244854 (OG-215669) | A244854 | GEAR, turret traversing mechanism motor adapter | 1 |
| | G104-1611452 | 19-13,15 | B197529 (OG-38093) | B197529 | HEAD, end, turret traversing mechanism hydraulic motor | 1 |
| | G104-2724100 | 19-15 | (OG-L-39379) | | HEAD, end, turret traversing mechanism hydraulic motor, assembly | 1 |
| | G103-1738545 | 19-13,15 | A244991 (OG-215262) | A244991 | PIN, dowel, turret traversing mechanism hydraulic motor head to valve | 2 |
| | G104-1738486 | 19-13,15 | A244993 (OG-216179) | A244993 | PIN, locking, turret traversing mechanism hydraulic motor head to valve | 2 |
| | G103-1781879 | 19-13,15 | A244990 (OG-215181) | A244990 | SCREW, turret traversing mechanism hydraulic motor head to case | 4 |
| | G104-2737003 | 19-12 | D47588 (OG-54219) | D47588 | HOUSING, turret traversing mechanism hydraulic motor adapter | 1 |
| H-1 | H001-0518021 | 19-13,16 | 106751 | | KEY, Woodruff, S., 3/16 x 3/4 (No. 606) (turret traversing mechanism hydraulic motor shaft pinion gear) (BGAX11A) | 1 |
| H-1 | H001-0518009 | 19-12 | 106749 | | KEY, Woodruff, S., 1/8 x 1/2 (No. 404) (turret traversing mechanism hydraulic motor adapter gear) (BGAX5A) | 1 |
| | G104-2893326 | 19-13,17 | C95184 | C95184 | MOTOR, hydraulic, turret traversing mechanism, assembly | 1 |
| | G104-1781811 | 19-12 | A244852 | A244852 | SCREW, turret traversing mechanism hydraulic motor to adapter | 1 |
| | G104-1781813 | 19-12 | A244861 | A244861 | SCREW, turret traversing mechanism hydraulic motor to adapter | 3 |
| | G104-1695627 | 19-10 | D47529 (OG-54180) | D47529 | MOTOR, hydraulic, turret traversing mechanism, w/ADAPTER, assembly | 1 |
| | G104-2917490 | 19-15 | B208466B | B208466 | NIPPLE, turret traversing mechanism hydraulic motor head (S., XH, 3/8 x 1) | 1 |
| | G104-2917492 | 19-15 | B208466C | B208466 | NIPPLE, turret traversing mechanism hydraulic motor head (S., XH, 3/8 x 1) | 1 |
| | M005-0101439 | 19-12 | 711010 (MRC-N-02) | | NUT, lock, slotted, S., 11/32-32 (turret traversing mechanism motor hydraulic adapter shaft) (BBRX1AD) | 1 |
| | G104-0305899 | 19-12 | A244855 (OG-215666) | A244855 | OIL SEAL, turret traversing mechanism hydraulic motor adapter | 1 |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | COUPLING | A245609 | 1905.5 |
| B | KEY | 103904 | 1905.5 |
| C | SHAFT, w/CYLINDER and PISTON, ass'y | B197646 | 1905.5 |
| D | BEARING | BN-O-866A | 1905.5 |
| E | RING | A245552 | 1905.5 |
| F | BEARING | A245565 | 1905.5 |

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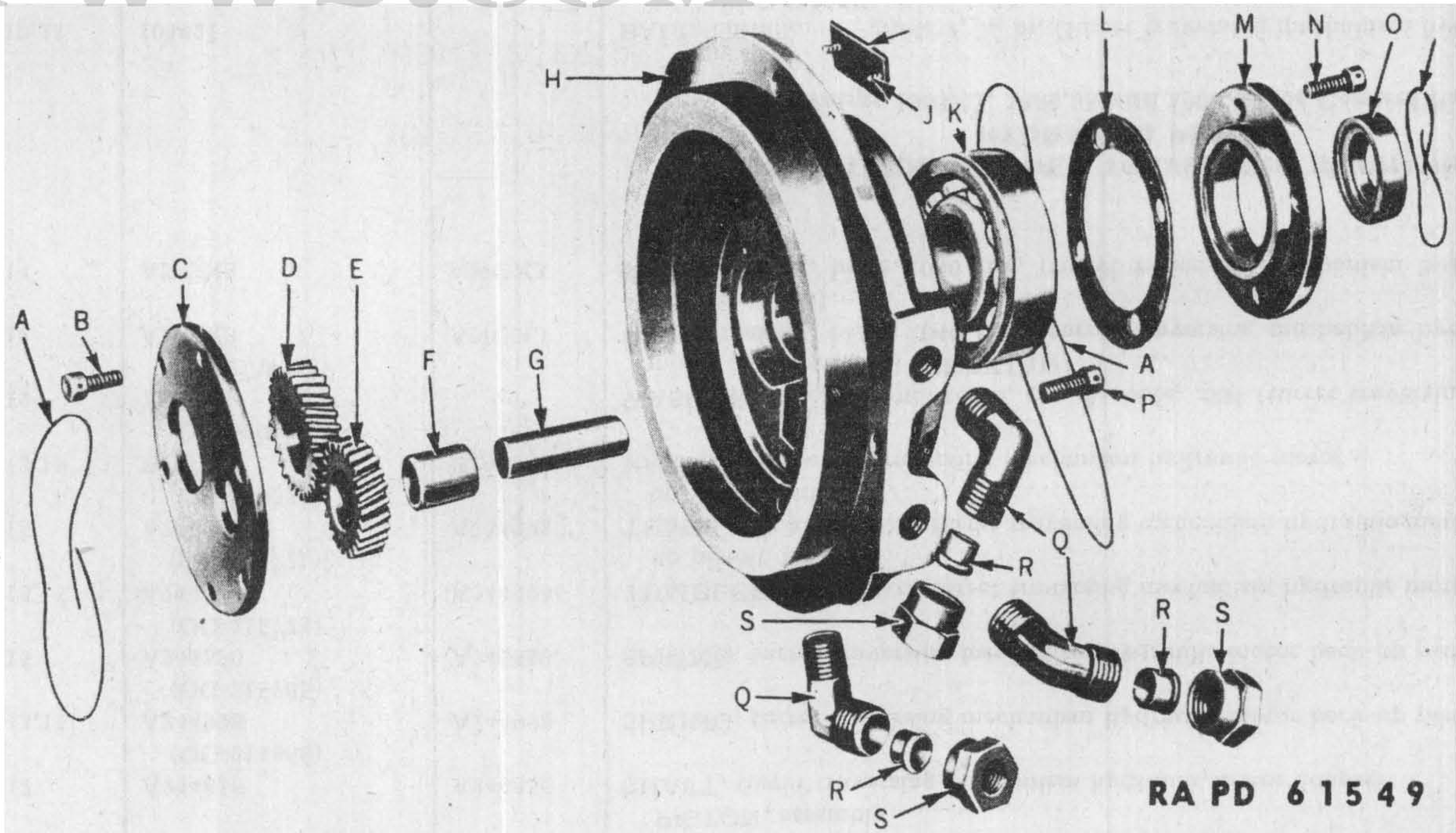
**FIGURE 19-20 — TURRET TRAVERSING MECHANISM HYDRAULIC PUMP SHAFT AND BEARING — EXPLODED VIEW**




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | GASKET | A245615 | 1905.5 |
| B | RACE | B197537 | 1905.5 |
| C | ROLLER, w/CAGE, ass'y | OG-L-216151 | 1905.5 |
| D | PLATE | A245612 | 1905.5 |
| E | CASE | D47519 | 1905.5 |
| F | PIN | A244981 | 1905.5 |
| G | PLUG | A164342A | 1905.5 |

RA PD 300648E

**FIGURE 19-21 — TURRET TRAVERSING MECHANISM HYDRAULIC PUMP CASE AND SLIDE BLOCK RACE — EXPLODED VIEW**




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | WIRE | ANCX3 | 1905.5 |
| B | SCREW | A245585 | 1905.5 |
| C | COVER | A245582 | 1905.5 |
| D | GEAR | A245574 | 1905.5 |
| E | GEAR | A245575 | 1905.5 |
| F | BUSHING | A245577 | 1905.5 |
| G | SHAFT | A245581 | 1905.5 |
| H | HOUSING | C95192 | 1905.5 |
| I | PLATE (furnished only as part of HYDRAULIC PUMP ass'y, 7053868) | | 1905.5 |
| J | SCREW (furnished only as part of HYDRAULIC PUMP ass'y, 7053868) | | 1905.5 |
| K | BEARING | 700282 | 1905.5 |
| L | GASKET | A245583 | 1905.5 |
| M | HOUSING | A245605 | 1905.5 |
| N | SCREW | A245579 | 1905.5 |
| O | OIL SEAL | 500012 | 1905.5 |
| P | SCREW | A245607 | 1905.5 |
| Q | ELBOW (furnished only as part of ELBOW ass'y, B183361E) | | 1905.5 |
| R | UNION (furnished only as part of ELBOW ass'y, B183361E) | | 1905.5 |
| S | NUT (furnished only as part of ELBOW ass'y, B183361E) | | 1905.5 |

RA PD 61549C

**FIGURE 19-22 — TURRET TRAVERSING MECHANISM HYDRAULIC PUMP DRIVE GEAR, HOUSING AND RELATED PARTS — EXPLODED VIEW**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| H-13 | H013-0500012 | 19-13,14 | (OG-215745) | | OIL SEAL, turret traversing mechanism hydraulic motor shaft | 1 | |
| H-1 | H001-0811053 | 19-16 | 103386 | | PIN, cotter, split, S., 1/8 x 1 1/4 (turret traversing mechanism hydraulic motor shaft pinion) (BFAX1DH) | 1 | |
| | G104-1738704 | 19-16 | A244858 (OG-215669) | A244858 | PINION, turret traversing mechanism hydraulic motor shaft | 1 | |
| | G104-1738851 | 19-13,15 | A244999 (OG-215766) | A244999 | PISTON, back-up, turret traversing mechanism hydraulic motor head, large | 1 | |
| | G104-1738852 | 19-15 | A244997 (OG-215764) | A244997 | PISTON, back-up, turret traversing mechanism hydraulic motor head, small | 2 | |
| | G104-1738859 | 19-15 | A244995 (OG-215762) | A244995 | PISTON, equalizer, turret traversing mechanism hydraulic motor flat valve | 2 | |
| | G104-1738861 | 19-13 | A244996 | A244996 | PISTON, turret traversing mechanism hydraulic motor cylinder | 14 | |
| H-6 | H006-0283015 | 19-15 | A164342C | A164342 | PLUG, turret traversing mechanism hydraulic motor head (3/8-18NPT) | 2 | |
| | G104-1769778 | 19-13,16 | A245552 (OG-215813) | A245552 | RING, spacing, turret traversing mechanism hydraulic motor cylinder ball bearing | 1 | |
| | G104-1784713 | 19-13 | C95186 (OG-44859) | C95186 | SHAFT, turret traversing mechanism hydraulic motor | 1 | |
| | G104-2384626 | 19-16,17 | (OG-L39378) | | SHAFT, turret traversing mechanism hydraulic motor, w/CYLINDER and PISTON, assembly | 1 | |
| | G104-1784612 | 19-12 | A244856 (OG-215868) | A244856 | SHAFT, turret traversing mechanism hydraulic motor adapter | 1 | |
| | G104-1789676 | 19-13,15 | A244998 (OG-215765) | A244998 | SPRING, turret traversing mechanism hydraulic motor back-up piston, large | 1 | |
| | G104-1789677 | 19-15 | A245550 (OG-215775) | A245550 | SPRING, turret traversing mechanism hydraulic motor back-up piston, small | 2 | |
| | G104-1808101 | 19-13,15 | A244994 (OG-215771) | A244994 | TUMBLER, hold-down, turret traversing mechanism hydraulic motor head back-up piston, large | 1 | |
| | G103-1808270 | 19-15 | A244992 (OG-215270) | A244992 | TUMBLER, hold-down, turret traversing mechanism hydraulic motor head back-up piston, small | 2 | |
| | G104-0307654 | 19-13,15 | B197530 (OG-38906) | B197530 | VALVE, flat, turret traversing mechanism hydraulic motor | 1 | |
| | M005-0259160 | 19-12 | 711204 (MRC-W-02) | | WASHER, lock, external teeth, ck., S., bore, .684 (turret traversing mechanism motor adapter shaft) (BEFX1AD) | 1 | |
| H-9 | H009-0101430 | 19-12 | ANCX3 | ANCX3 | WIRE, locking, brass, .040 thk. (turret traversing mechanism hydraulic motor adapter screw) | as req. | |
| H-9 | H009-0101430 | 19-14 | ANCX3 | ANCX3 | WIRE, locking, brass, .040 thk. (turret traversing mechanism hydraulic motor case screw) | as req. | |
| | | | | | **1905.5—TURRET POWER TRAVERSING MECHANISM HYDRAULIC PUMP** **(See Groups 1905.61, 1905.65 and 1905.68 for Control Parts)** | | |
| H-2 | H002-0100160 | 19-19,25 | 104921 | | BALL, chr-alloy-S., grade 2, 7/16 in. (turret traversing mechanism hydraulic pump cam roller) (CCAX1F) | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0300433 | | B197536 | B197536 | BEARING, turret traversing mechanism hydraulic pump, w/slide BLOCK, assembly | 1 |
| | G104-2536001 | 19-18,19,20 | (BN-O-866A) | | BEARING, roller (annular, wide) (turret traversing mechanism hydraulic pump cylinder) | 1 |
| H-12 | H012-0710059 | 19-18,20 | A245565 (MRC-113M) | A245565 | BEARING, ball (annular, single row, 2.5591 I.D. x 4.5276 O.D. x .5512 lgh.) (turret traversing mechanism hydraulic pump shaft cylinder) | 1 |
| H-12 | H012-0305020 | 19-18,22 | 700282 (MRC-7304) | | BEARING, ball, No. 7304 (type B, annular contact, medium series, .7874 bore, 2.0472 O.D. x .5906 width) (turret traversing mechanism hydraulic pump shaft) (CADX2AE) | 1 |
| | G103-1527754 | 19-18,22 | A245577 (OG-214223) | A245577 | BUSHING, turret traversing mechanism hydraulic pump idler gear | 1 |
| | G104-1531627 | 19-18,24 | A245590 (OG-215767) | A245590 | CAP, turret traversing mechanism hydraulic pump check valve | 2 |
| | G104-2564001 | 19-18,19,21, 25,27,28, 28A,29 | D47519 | D47519 | CASE, turret traversing mechanism hydraulic pump | 1 |
| H-6 | H006-0318550 | 19-24 | B183358G | B183358 | CONNECTOR, turret traversing mechanism hydraulic pump head, assembly (Includes: NUT and UNION) | 3 |
| | G104-0527712 | 19-18,19,25, 28,28A | A245587 (OG-215747) | A245587 | CONNECTOR, turret traversing mechanism hydraulic pump case to control flange | 1 |
| | G104-1540139 | 19-18,20 | A245609 (OG-216062) | A245609 | COUPLING, turret traversing mechanism hydraulic pump shaft | 1 |
| | G103-1540062 | 19-18,22 | A245582 (OG-215265) | A245582 | COVER, turret traversing mechanism hydraulic pump gear | 1 |
| | G104-1545601 | 19-18 | B197528 (OG-38899) | B197528 | CYLINDER, radial, turret traversing mechanism hydraulic pump | 1 |
| H-6 | H006-0333120 | 19-22 | B183361E | B183361 | ELBOW, turret traversing mechanism pump case, assembly (Includes: NUT and UNION) | 3 |
| H-6 | H006-0333140 | 19-23 | B183361G | B183361 | ELBOW, turret traversing mechanism hydraulic pump head, assembly (Includes: NUT and UNION) | 1 |
| | G104-0302472 | 19-18,21 | A245615 (OG-216173) | A245615 | GASKET, turret traversing mechanism hydraulic pump case | 1 |
| | G104-0302541 | 19-18,24 | A245593 (OG-215770) | A245593 | GASKET, turret traversing mechanism hydraulic pump check valve cap | 2 |
| | G104-0302421 | 19-19,23,27 | A245606 (OG-215818) | A245606 | GASKET, turret traversing mechanism hydraulic pump slide block pin screw and pump head screw | 5 |
| | G104-0302392 | 19-19,27 | A245597 (OG-215783) | A245597 | GASKET, turret traversing mechanism hydraulic pump cover, large | 1 |
| | G104-0302518 | 19-19,27 | A245617 (OG-216175) | A245617 | GASKET, turret traversing mechanism hydraulic pump cover, small | 1 |
| | G104-0302393 | 19-18,23 | A245599 (OG-215785) | A245599 | GASKET, turret traversing mechanism hydraulic pump head | 1 |
| | G103-1594007 | 19-18,22 | A245583 (OG-215269) | A245583 | GASKET, turret traversing mechanism hydraulic pump housing seal | 1 |
| | G103-1596020 | 19-18,22 | A245575 (OG-214212) | A245575 | GEAR, idler, turret traversing mechanism hydraulic pump | 1 |
| | G103-1596019 | 19-18,22 | A245574 (OG-214211) | A245574 | GEAR, drive, turret traversing mechanism hydraulic pump shaft | 1 |
| | G104-1611456 | 19-18,23,24 | C95190 (OG-44851) | C95190 | HEAD, end, turret traversing mechanism hydraulic pump | 1 |

*(Cont.)*

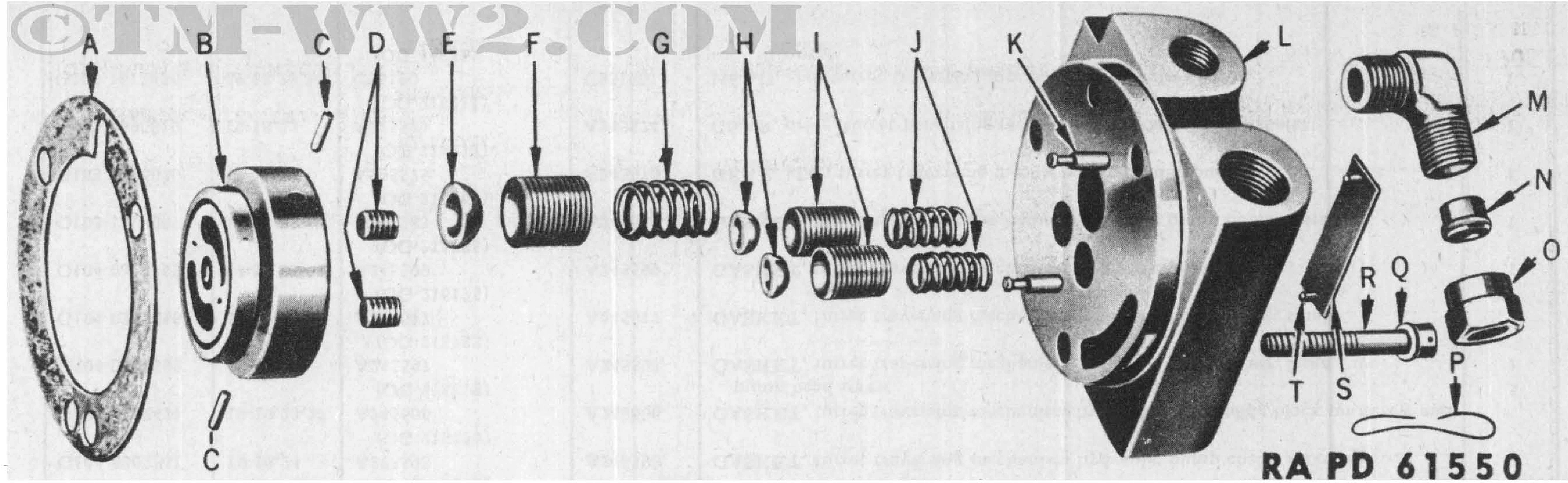



**FIGURE 19-23 — TURRET TRAVERSING MECHANISM HYDRAULIC PUMP END HEAD ASSEMBLY, A294724 — AND RELATED PARTS — EXPLODED VIEW**



| Key | Item | Part Number | Group |
|---|---|---|---|
| A | GASKET | A245599 | 1905.5 |
| B | VALVE | B197530 | 1905.5 |
| C | PIN | A245584 | 1905.5 |
| D | PISTON | A244995 | 1905.5 |
| E | TUMBLER | A244994 | 1905.5 |
| F | PISTON | A244999 | 1905.5 |
| G | SPRING | A244998 | 1905.5 |
| H | TUMBLER | A244992 | 1905.5 |
| I | PISTON | A244997 | 1905.5 |
| J | SPRING | A245550 | 1905.5 |
| K | PIN | A244991 | 1905.5 |
| L | HEAD | C95190 | 1905.5 |
| M | ELBOW (furnished only as part of ELBOW ass'y, B183361G) | | 1905.5 |
| N | UNION (furnished only as part of ELBOW ass'y, B183361G) | | 1905.5 |
| O | NUT (furnished only as part of ELBOW ass'y, B183361G) | | 1905.5 |
| P | WIRE | ANCX3 | 1905.5 |
| Q | GASKET | A245606 | 1905.5 |
| R | SCREW | A245608 | 1905.5 |
| S | PLATE (furnished only as part of HEAD ass'y, OG-L-39377) | | 1905.5 |
| T | SCREW (furnished only as part of HEAD ass'y, OG-L-39377) | | 1905.5 |

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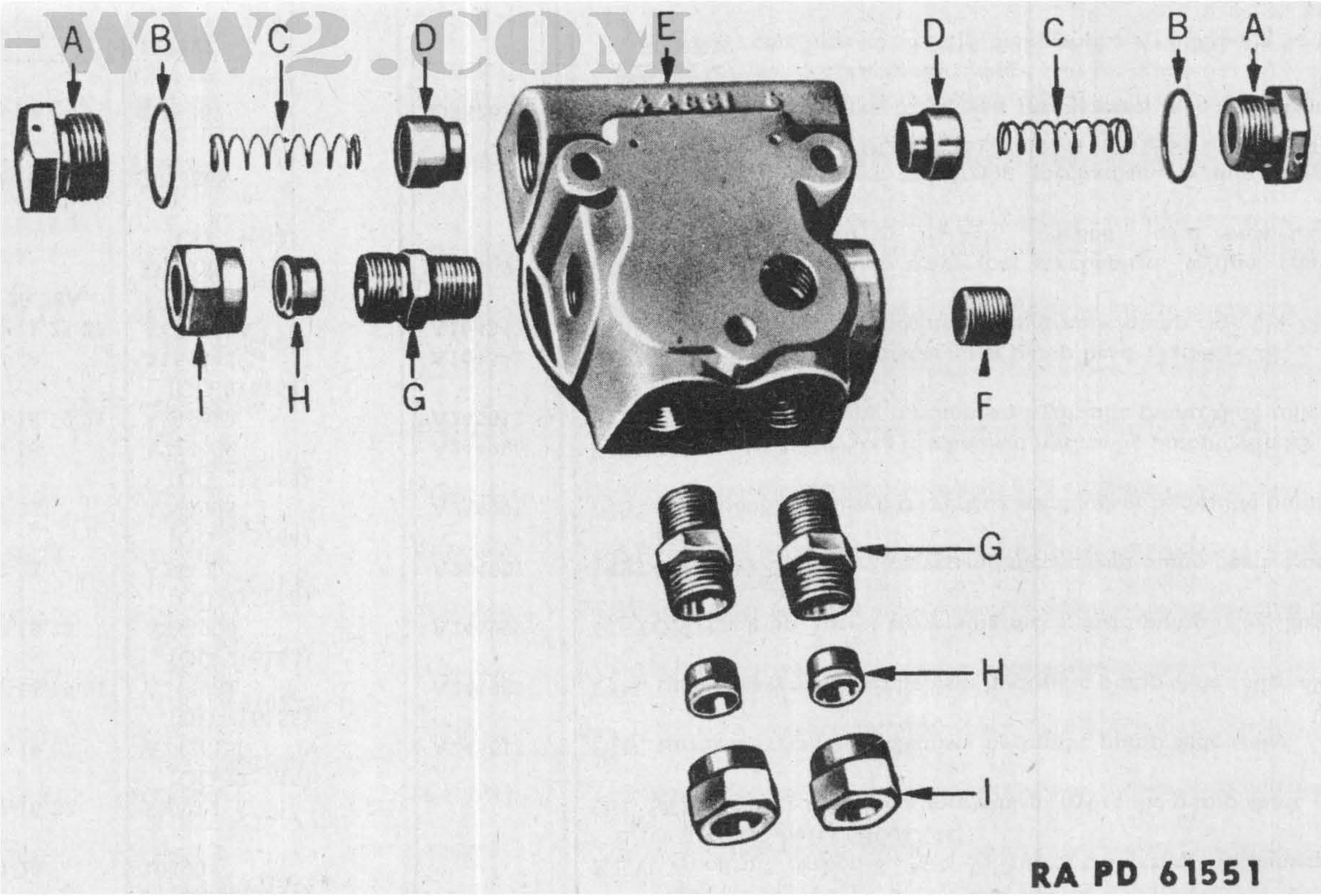



**FIGURE 19-24 — TURRET TRAVERSING MECHANISM HYDRAULIC PUMP CHECK VALVE — EXPLODED VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | CAP | A245590 | 1905.5 |
| B | GASKET | A245593 | 1905.5 |
| C | SPRING | A245591 | 1905.5 |
| D | VALVE | A245592 | 1905.5 |
| E | HEAD | C95190 | 1905.5 |
| F | PLUG | A164342C | 1905.5 |
| G | CONNECTOR (furnished only as part of CONNECTOR, ass'y B183358G) | | 1905.5 |
| H | UNION (furnished only as part of CONNECTOR, ass'y B183358G) | | 1905.5 |
| I | NUT (furnished only as part of CONNECTOR, ass'y B183358G) | | 1905.5 |

RA PD 61551C

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| | G103-1738545 | 19-18,23 | A244991 (OG-215262) | A244991 | PIN, dowel, turret traversing mechanism hydraulic pump head to valve...... | 2 | |
| | G103-1738616 | 19-18,23 | A245584 (OG-215572) | A245584 | PIN, locking, turret traversing mechanism hydraulic pump head to valve.... | 2 | |
| | G104-1781837 | 19-23 | A245608 (OG-215820) | A245608 | SCREW, turret traversing mechanism hydraulic pump head to case......... | 3 | |
| | G104-2724101 | 19-23 | A294724 (OG-L-39377) | A294724 | HEAD, end, turret traversing mechanism hydraulic pump, assembly (Includes: PISTONS, SPRINGS, TUMBLERS and VALVES)......................... | 1 | |
| | G104-1617708 | 19-18,22 | A245605 (OG-215811) | A245605 | HOUSING, turret traversing mechanism hydraulic pump oil seal............... | 1 | |
| | G103-1781872 | 19-18,22 | A245579 (OG-214992) | A245579 | SCREW, turret traversing mechanism hydraulic pump oil seal housing to gear housing.................................................. | 4 | |
| | G104-2737002 | 19-18,22 | C95192 (OG-44941) | C95192 | HOUSING, turret traversing mechanism hydraulic pump drive gear............ | 1 | |
| | G104-1781819 | 19-18,22 | A245607 (OG-215819) | A245607 | SCREW, turret traversing mechanism hydraulic pump drive gear housing to case.................................................. | 4 | |
| H-1 | H001-0518005 | 19-20 | 103904 | | KEY, Woodruff, carbon-S., 3/32 x 1/2 (turret traversing mechanism hydraulic pump drive gear to shaft) (BGAX4C)...................................... | 1 | |
| H-13 | H013-0500012 | 19-18,22 | 500012 (OG-215745) | | OIL SEAL, turret traversing mechanism hydraulic pump shaft (CLHX1AH)..... | 1 | |
| | G104-0304831 | 19-19,27 | A245613 (OG-216155) | A245613 | PIN, turret traversing mechanism hydraulic pump slide roller.................. | 2 | |
| | G104-1738482 | 19-18,19,21 | A244981 (OG-216162) | A244981 | PIN, turret traversing mechanism hydraulic pump slide roller plate ........... | 3 | |
| | G104-1738851 | 19-18,23 | A244999 (OG-215766) | A244999 | PISTON, back-up, turret traversing mechanism pump head, large.............. | 1 | |
| | G104-1738852 | 19-23 | A244997 (OG-215764) | A244997 | PISTON, back-up, turret traversing mechanism pump head, small.............. | 2 | |
| | G104-1738859 | 19-23 | A244995 (OG-215762) | A244995 | PISTON, equalizer, turret traversing mechanism hydraulic pump flat valve...... | 2 | |
| | G104-1738861 | 19-18 | A244996 | A244996 | PISTON, turret traversing mechanism hydraulic pump cylinder................ | 14 | |
| | G104-0304998 | 19-18,19,21 | A245612 (OG-216154) | A245612 | PLATE, turret traversing mechanism hydraulic pump slide roller............... | 2 | |
| H-6 | H006-0283015 | 19-24 | A164342C | A164342 | PLUG, turret traversing mechanism pump head (3/8-18NPT)..................... | 1 | |
| H-6 | H006-0283005 | 19-21,25,27, 28,28A | A164342A | A164342 | PLUG, turret traversing mechanism hydraulic pump case (1/8-27NPT).......... | 5 | |
| | G104-2994159 | | D78159 (OG-54682) | D78159 | PUMP, hydraulic, turret traversing mechanism, w/dual control HANDLES, assembly (superseded by PUMP, 7053868) (used with CONTROL, G104-2580034)................................................ | 1 | |
| | | 19-10,19,22 | 7053868 | | PUMP, hydraulic turret traversing mechanism, w/dual control HANDLES, assembly (supersedes PUMP, G104-2994159) (used with CONTROL, 7068143). | 1 | |
| | | 19-18 | D78262 | D78262 | PUMP, hydraulic, turret traversing mechanism, w/o dual control HANDLES, assembly................................................ | 1 | |
| H-1 | H001-1031002 | | 220621 | | SCREW, cap, hex-hd., S., dld. f/lkg-wire., 1/4-20NC-2 x 3/4 (BCAX4B)........ | 4 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| H-1 | H001-1519009 | | 115547 | | WASHER, lock, internal teeth, reg., S., ¼ in. (BEAX1H) | 4 |
| | 22W-1642100 | | BFWX1A | BFWXI | WIRE, S., low carbon, black, anld., .041 in. diam. | as req. |
| | G104-1764827 | 19-18,19,21 | B197537 (OG-39054) | B197537 | RACE, slide block, turret traversing mechanism hydraulic pump | 1 |
| | G104-1769778 | 19-18,20 | A245552 (OG-215813) | A245552 | RING, spacing, turret traversing mechanism hydraulic pump shaft ball bearing | 1 |
| | | 19-18,19,21 | (OG-L-216151) | | ROLLER, slide, turret traversing mechanism hydraulic pump, w/CAGE, assembly | 2 |
| | G104-1781838 | 19-19,25 | A245604 (OG-215790) | A245604 | SCREW, adjusting, turret traversing mechanism hydraulic pump cam roller ball | 1 |
| | G103-1781873 | 19-18,22 | A245585 (OG-215598) | A245585 | SCREW, cap, turret traversing mechanism hydraulic pump gear cover to housing | 6 |
| | G104-1781839 | 19-19,27 | A245614 (OG-216163) | A245614 | SCREW, retaining, turret traversing mechanism hydraulic pump slide block pin | 2 |
| | G104-1784619 | 19-18 | C95191 (OG-44858) | C95191 | SHAFT, drive, turret traversing mechanism hydraulic pump | 1 |
| | G103-1784709 | 19-18,22 | A245581 (OG-215260) | A245581 | SHAFT, turret traversing mechanism hydraulic pump idler gear | 1 |
| | G104-0306046 | 19-19,20 | B197646 (OG-L-39375) | B197646 | SHAFT, turret traversing mechanism hydraulic pump, w/CYLINDER and PISTON, assembly | 1 |
| | G104-1789677 | 19-23 | A245550 (OG-215775) | A245550 | SPRING, turret traversing mechanism hydraulic pump back-up piston, small | 1 |
| | G104-1789676 | 19-18,23 | A244998 (OG-215765) | A244998 | SPRING, turret traversing mechanism hydraulic pump back-up piston, large | 1 |
| | G104-1789723 | 19-18,24 | A245591 (OG-215768) | A245591 | SPRING, turret traversing mechanism hydraulic pump check valve | 2 |
| | G104-1808101 | 19-18,23 | A244994 (OG-215771) | A244994 | TUMBLER, hold-down, turret traversing mechanism hydraulic pump head piston, large | 1 |
| | G103-1808270 | 19-23 | A244992 (OG-215270) | A244992 | TUMBLER, hold-down, turret traversing mechanism hydraulic pump head piston, small | 2 |
| | G104-0307654 | 19-18,23 | B197530 (OG-38906) | B197530 | VALVE, flat, turret traversing mechanism hydraulic pump | 1 |
| | G104-1827104 | 19-18,24 | A245592 (OG-215769) | A245592 | VALVE, check, turret traversing mechanism hydraulic pump disc | 2 |
| H-9 | H009-0101430 | 19-22,23,25, 27 | ANCX3 | ANCX3 | WIRE, locking, brass, grade A, annealed, soft .040 diam. (turret traversing mechanism hydraulic pump) | as req. |

## 1905.61—TURRET POWER TRAVERSING MECHANISM HYDRAULIC PUMP CONTROL AND GUN FIRING HANDLE

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-2125783 | | B300349 | B300349 | BRACKET, turret traversing mechanism gun firing handle (superseded by BRACKET, C7053846) (used with CONTROL, G104-2580034, which is connected on the top of the hydraulic pump) | 1 |
| | | 19-26 | C7053846 | | BRACKET, turret traversing mechanism gun firing handle (supersedes BRACKET, G104-2125783) (used with CONTROL, 7068143, which is attached to the hydraulic pump at the gun firing handle) | 1 |
| H-1 | H001-1019525 | 19-19,26 | 138202 | | SCREW, cap, socket-hd., alloy-S., ¼-20NC-3 x 1 (BCWX1BF) | 1 |
| | | 19-19,27 | D78260 (OG-54754) | D78260 | CAM, turret traversing mechanism hydraulic pump control | 1 |
| | G104-2563089 | 19-26 | A348873 | A348873 | CAP, retaining, turret traversing mechanism gun firing handle | 1 |
| H-1 | H001-1030194 | 19-26 | 421800 | | SCREW, mach., rd-hd., S., No. 6 (.138)-40NF-2 x 7/16 (BCOX1EF) | 2 |
| H-1 | H001-1517003 | 19-26 | 118872 | | WASHER, lock, lgt., S., No. 6 (.138) (BECX2C) | 4 |

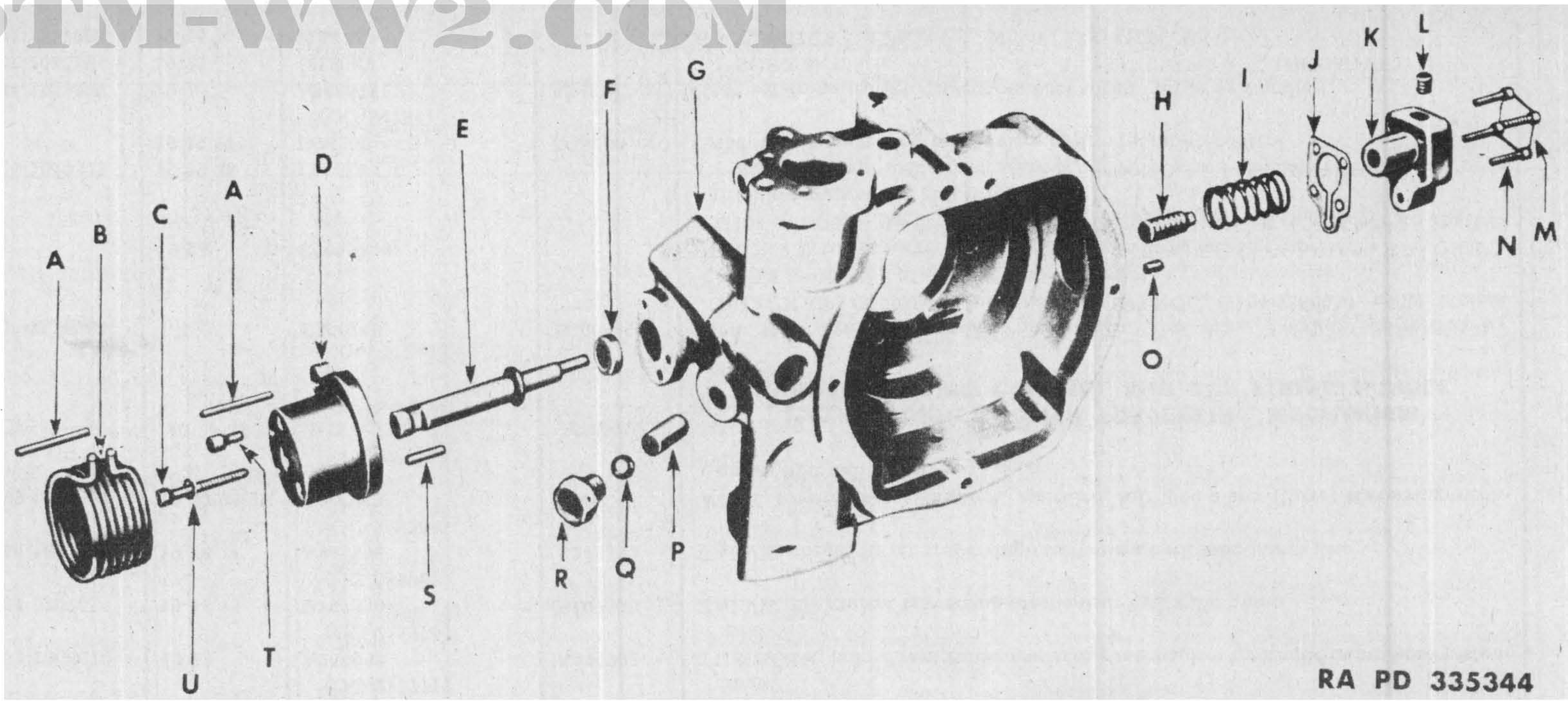
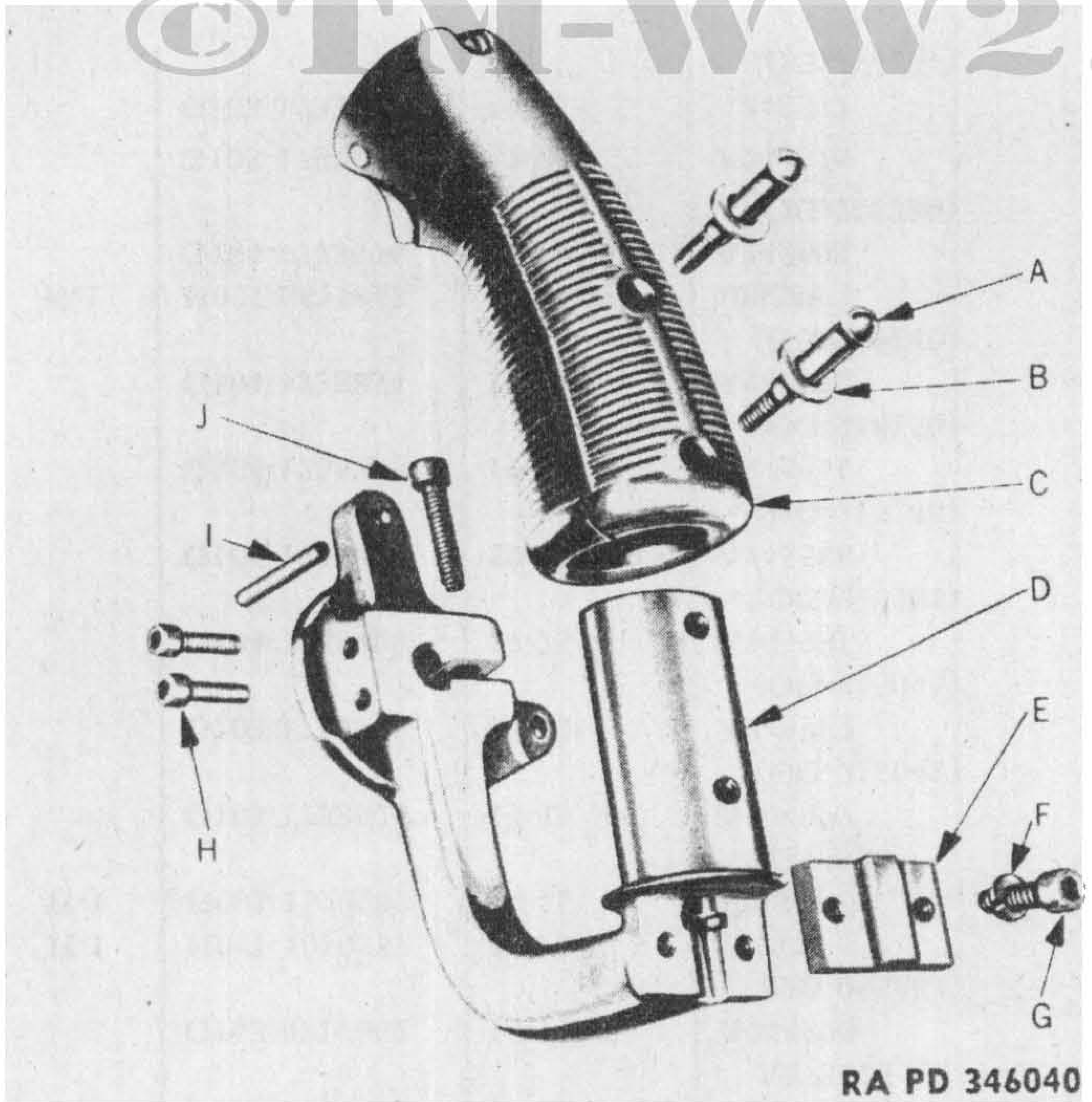



**FIGURE 19-25 — TURRET TRAVERSING MECHANISM HYDRAULIC PUMP CASE AND CONTROL — EXPLODED VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PIN | A244977 | 1905.61 |
| B | SPRING | A244980 | 1905.61 |
| C | SCREW | 147121 | 1905.61 |
| D | HOUSING | A244978 | 1905.61 |
| E | SHAFT | A244979 | 1905.61 |
| F | SEAL | A245572 | 1905.61 |
| G | CASE | D47519 | 1905.5 |
| H | PISTON | A245588 | 1905.61 |
| I | SPRING | A245594 | 1905.61 |
| J | GASKET | A245598 | 1905.61 |
| K | FLANGE | A245586 | 1905.61 |
| L | PLUG | A164342A | 1905.5 |
| M | WIRE | ANCX3 | 1905.5 |
| N | SCREW | A245580 | 1905.61 |
| O | CONNECTOR | A245587 | 1905.5 |
| P | ROLLER | A245603 | 1905.61 |
| Q | BALL | 104921 | 1905.5 |
| R | SCREW | A245604 | 1905.5 |
| S | PIN | A244981 | 1905.61 |
| T | PIN | A244982 | 1905.61 |
| U | WASHER | 115545 | 1905.61 |

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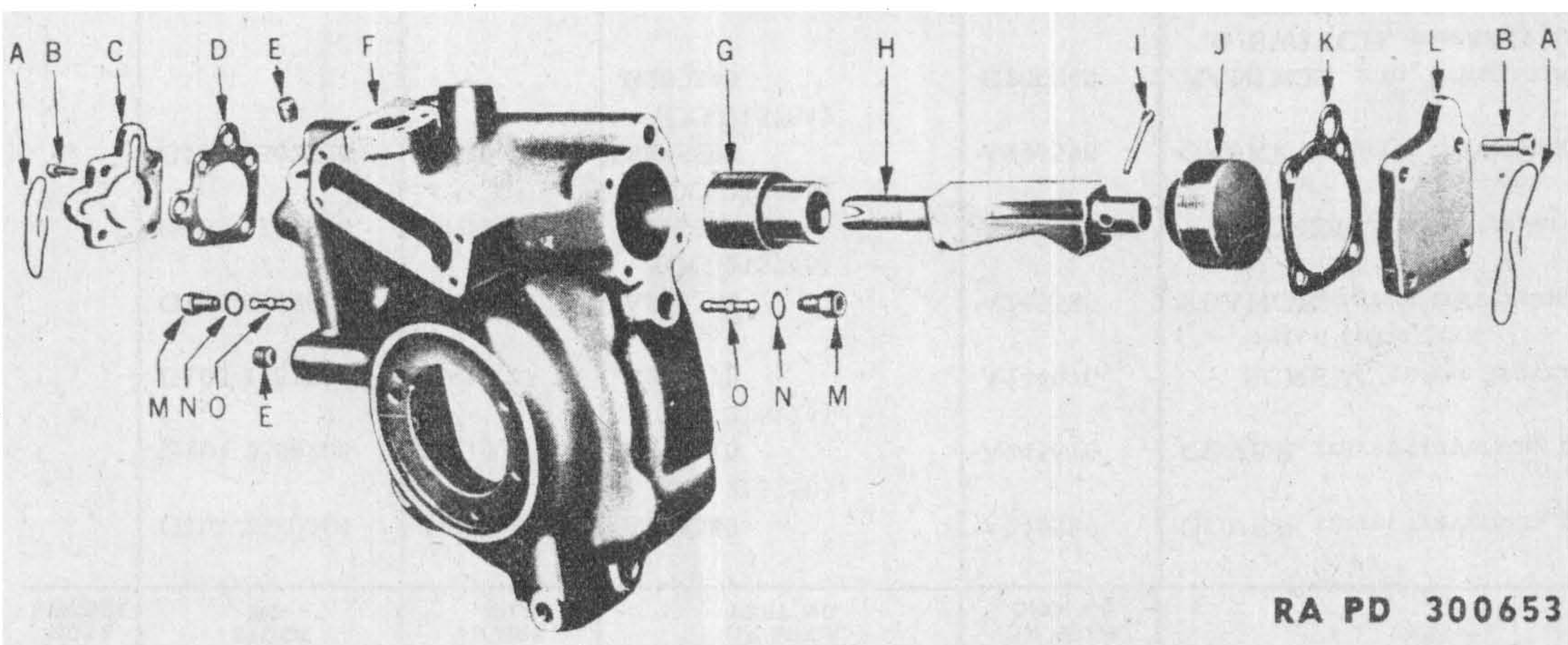



| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SCREW | A383667 | 1905.61 |
| B | WASHER | 115547 | 1905.61 |
| C | HANDLE, ass'y | C101074 | 1905.61 |
| D | BRACKET | C7053846 | 1905.61 |
| E | CAP | A348873 | 1905.61 |
| F | WASHER | 118872 | 1905.61 |
| G | SCREW | 421800 | 1905.61 |
| H | SCREW | A244976 | 1905.61 |
| I | PIN | A244977 | 1905.61 |
| J | SCREW | 138202 | 1905.61 |

RA PD 346040A



**FIGURE 19-26 — TURRET TRAVERSING MECHANISM HYDRAULIC PUMP AND GUN FIRING HANDLE, C145097 — EXPLODED VIEW**




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | WIRE | ANCX3 | 1905.5 |
| B | SCREW | A244976 | 1905.61 |
| C | COVER | A245616 | 1905.61 |
| D | GASKET | A245617 | 1905.5 |
| E | PLUG | A164342A | 1905.5 |
| F | CASE | D47519 | 1905.5 |
| G | PISTON | A245610 | 1905.61 |
| H | CAM | D78260 | 1905.61 |
| I | PIN | 103386 | 1905.61 |
| J | PISTON | A245611 | 1905.61 |
| K | GASKET | A245597 | 1905.5 |
| L | COVER | A245589 | 1905.61 |
| M | SCREW | A245614 | 1905.5 |
| N | GASKET | A245606 | 1905.5 |
| O | PIN | A245613 | 1905.5 |

RA PD 300653E

**FIGURE 19-27 — TURRET TRAVERSING MECHANISM HYDRAULIC PUMP CONTROL CAM — EXPLODED VIEW**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-2580204 | 19-19,27 | A245589<br>(OG-215750) | A245589 | COVER, turret traversing mechanism hydraulic pump control cam, large piston | 1 | |
| | G104-2580206 | 19-19,27 | A245616<br>(OG-216174) | A245616 | COVER, turret traversing mechanism hydraulic pump control cam, small piston | 1 | |
| | G103-1781874 | 19-19,27 | A244976 | A244976 | SCREW, turret traversing mechanism hydraulic pump control cam, large piston cover | 8 | |
| | G163-0182601 | 19-19,25 | A245586<br>(OG-215746) | A245586 | FLANGE, turret traversing mechanism hydraulic pump control | 1 | |
| | G103-1781876 | 19-19,25 | A245580<br>(OG-214995) | A245580 | SCREW, turret traversing mechanism hydraulic pump control flange to case | 4 | |
| | G104-0302396 | 19-19,25 | A245598<br>(OG-215784) | A245598 | GASKET, turret traversing mechanism hydraulic pump control flange | 1 | |
| | | | B209849 | B209849 | HANDLE, gun firing, turret traversing mechanism hydraulic pump control, w/SWITCH, assembly (superseded by HANDLE, G104-2719205) (used with CONTROL, G104-2580034, which is connected on the top of the hydraulic pump) | 1 | |
| | G104-2719205 | 19-10,19,26 | C101074<br>(OG-39622) | C101074 | HANDLE, gun firing, turret traversing mechanism hydraulic pump control, w/SWITCH, assembly (supersedes HANDLE, B209849) (used with CONTROL, 7068143, which is attached to the hydraulic pump at the gun firing handle) | 1 | |
| | | 19-26 | A383667 | A383667 | SCREW, rd-hd., S., ¼-20NC-2 x 1½ | 2 | |
| H-1 | H001-1519009 | 19-26 | 115547<br>A173116 | <br>A173116 | WASHER, lock, internal teeth, reg., S., ¼ in. (BEAX1H) | 2 | |
| | G163-0217862 | 19-19,25 | A244978<br>(OG-215833) | A244978 | HOUSING, turret traversing mechanism hydraulic pump control shaft | 1 | |
| H-1 | H001-1019757 | 19-25 | 147121 | | SCREW, cap, socket-hd., alloy-S., No. 10-32NF-3 x 1½ (BCWX3AH) | 3 | |
| H-1 | H001-1519007 | 19-25 | 115545<br>A174836 | <br>A174836 | WASHER, lock, internal teeth, 3/16 in. (BEAX1F) | 3 | |
| | G103-1738596 | 19-25,26 | A244977<br>(OG-215041) | A244977 | PIN, centering, turret traversing mechanism hydraulic pump control handle | 2 | |
| | G103-1738595 | 19-25 | A244982<br>(OG-215046) | A244982 | PIN, stop, turret traversing mechanism hydraulic pump control handle | 1 | |
| | G104-1738482 | 19-25 | A244981<br>(OG-216162) | A244981 | PIN, turret traversing mechanism hydraulic pump control handle | 1 | |
| | G104-1738853 | 19-19,25 | A245588<br>(OG-215748) | A245588 | PISTON, turret traversing mechanism hydraulic pump control flange | 1 | |
| | G104-1738856 | 19-19,27 | A245611<br>(OG-216150) | A245611 | PISTON, turret traversing mechanism hydraulic pump control, large | 1 | |
| | G104-1738854 | 19-19,27 | A245610<br>(OG-216149) | A245610 | PISTON, turret traversing mechanism hydraulic pump control, small | 1 | |
| H-1 | H001-0811053 | 19-19,27 | 103386 | | PIN, cotter, split, S., ⅛ x 1¼ (piston to cam) (BFAX1DH) | 1 | |
| | G104-1773476 | 19-19,25 | A245603<br>(OG-215789) | A245603 | ROLLER, turret traversing mechanism hydraulic pump control cam | 1 | |
| | G103-1781874 | 19-26 | A244976 | A244976 | SCREW, adjusting, turret traversing mechanism hydraulic pump handle | 2 | |
| | G103-1733604 | 19-25 | A245572<br>(OG-214194) | A245572 | SEAL, turret traversing mechanism hydraulic pump control shaft | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0306075 | 19-25,29 | A244979 | A244979 | SHAFT, eccentric, turret traversing mechanism hydraulic pump control handle | 1 |
| | G103-1789602 | 19-25 | A244980 (OG-215038) | A244980 | SPRING, return, turret traversing mechanism hydraulic pump control handle | 1 |
| | G104-1789678 | 19-19,25 | A245594 (OG-215773) | A245594 | SPRING, turret traversing mechanism hydraulic pump control flange piston | 1 |
| | | | | | **1905.65—TURRET POWER TRAVERSING MECHANISM HYDRAULIC PUMP PILOT VALVE AND DUAL CONTROL ASSEMBLY—C100603 (Old Style)** | |
| | G104-2125784 | 19-29,30 | B209457 (OG-39492) | B209457 | BRACKET, turret traversing mechanism dual control handle | 1 |
| H-1 | H001-1013246 | | 215993 | | SCREW, cap, hex-hd., S., ⅜-24NF-2 x 1¼ (BCBX1CD) | 2 |
| H-1 | H001-1519011 | | 115549 | | WASHER, lock, internal teeth, reg., S., ⅜ in. (BEAX1L) | 2 |
| | G103-1527781 | 19-28,29 | A245576 (OG-214219) | A245576 | BUSHING, turret traversing mechanism hydraulic pump dual control pilot valve plunger | 1 |
| | G104-2131187 | 19-28,29,30 | B209456 (OG-39480) | B209456 | CABLE, dual control, turret traversing mechanism pump, assembly | 1 |
| | G103-1531613 | 19-28,29 | A245573 (OG-214210) | A245573 | CAP, turret traversing mechanism hydraulic pump pilot valve plunger | 1 |
| | G104-2575975 | 19-29,30 | A235514 (OG-217215) | A235514 | CLEVIS, linking, turret traversing mechanism cable to dual control lever | 1 |
| | G104-2979815 | 19-30 | A328445 (OG-217418) | A328445 | PIN, clevis to control lever (rod end, S., dld. f/c pin) | 1 |
| H-1 | H001-0811025 | 19-30 | 103361 | | PIN, cotter, split, S., 1/16 x ½ (BFAX1BC) | 1 |
| | | | A203682 | A203682 | | |
| | G104-2577001 | 19-28,29 | A235501 (OG-217148) | A235501 | COLLAR, turret traversing mechanism hydraulic pump dual control pilot valve plunger | 2 |
| | G104-2580034 | 19-10 | C100603 (OG-L-45249) | C100603 | CONTROL, dual, turret traversing mechanism hydraulic motor, assembly (used with PUMP, G104-2994159) | 1 |
| H-1 | H001-1013246 | | 215993 | | SCREW, cap, hex-hd., S., ⅜-24NF-2 x 1¼ (BCBX1CD) | 2 |
| H-1 | H001-1519011 | | 115549 | | WASHER, lock, internal teeth, reg., S., ⅜ in. (BEAX1L) | 2 |
| | G104-2724003 | 19-28,29 | (OG-45234) | | COVER, turret traversing mechanism hydraulic pump dual control | 1 |
| | G104-3067034 | 19-28,29 | A328438 (OG-217379) | A328438 | SCREW, cap, socket-hd., dld. f/lkg-wire., alloy-S., No. 10 (.190)-32NF-2 x 1 | 4* |
| | G104-0302391 | 19-28 | A245596 (OG-215779) | A245596 | GASKET, turret traversing mechanism hydraulic pump dual control box cover | 1 |
| | G103-1593995 | 19-28,29 | A245570 (OG-25532) | A245570 | GASKET, turret traversing mechanism hydraulic pump dual control pilot valve plunger cap | 1 |
| | G104-2850174 | 19-29,30 | C100602 (OG-45248) | C100602 | LEVER, hand, turret traversing mechanism hydraulic pump dual control | 1 |
| | G104-5328435 | 19-28,29 | A328435 (OG-217373) | A328435 | LEVER, operating, turret traversing mechanism hydraulic pump dual control cable to pilot valve plunger | 1 |
| H-1 | H001-0811025 | 9-28 | 103361 | | PIN, cotter, split, S., 1/16 x ½ (BFAX1BC) | 1 |
| | G103-1738601 | 9-28 | A245578 (OG-214322) | A245578 | PIN, turret traversing mechanism hydraulic pump dual control cable to pilot valve plunger lever to pivot pin | 1 |
| | G104-1674213 | 19-28,29 | A245602 (OG-215788) | A245602 | LEVER, turret traversing mechanism hydraulic pump dual control pilot valve plunger | 1 |
| H-1 | H001-0716021 | | 219701 | | NUT, jam, hex., s-fin., S., ½-28NF-2 (turret traversing mechanism control cable) (BBDX1A) | 1 |
| | | 19-29,30 | B19444BA | B19444 | NUT, turret traversing mechanism dual control clevis (lgt., hex., alloy-S., ¼-28NF-2) | 1 |

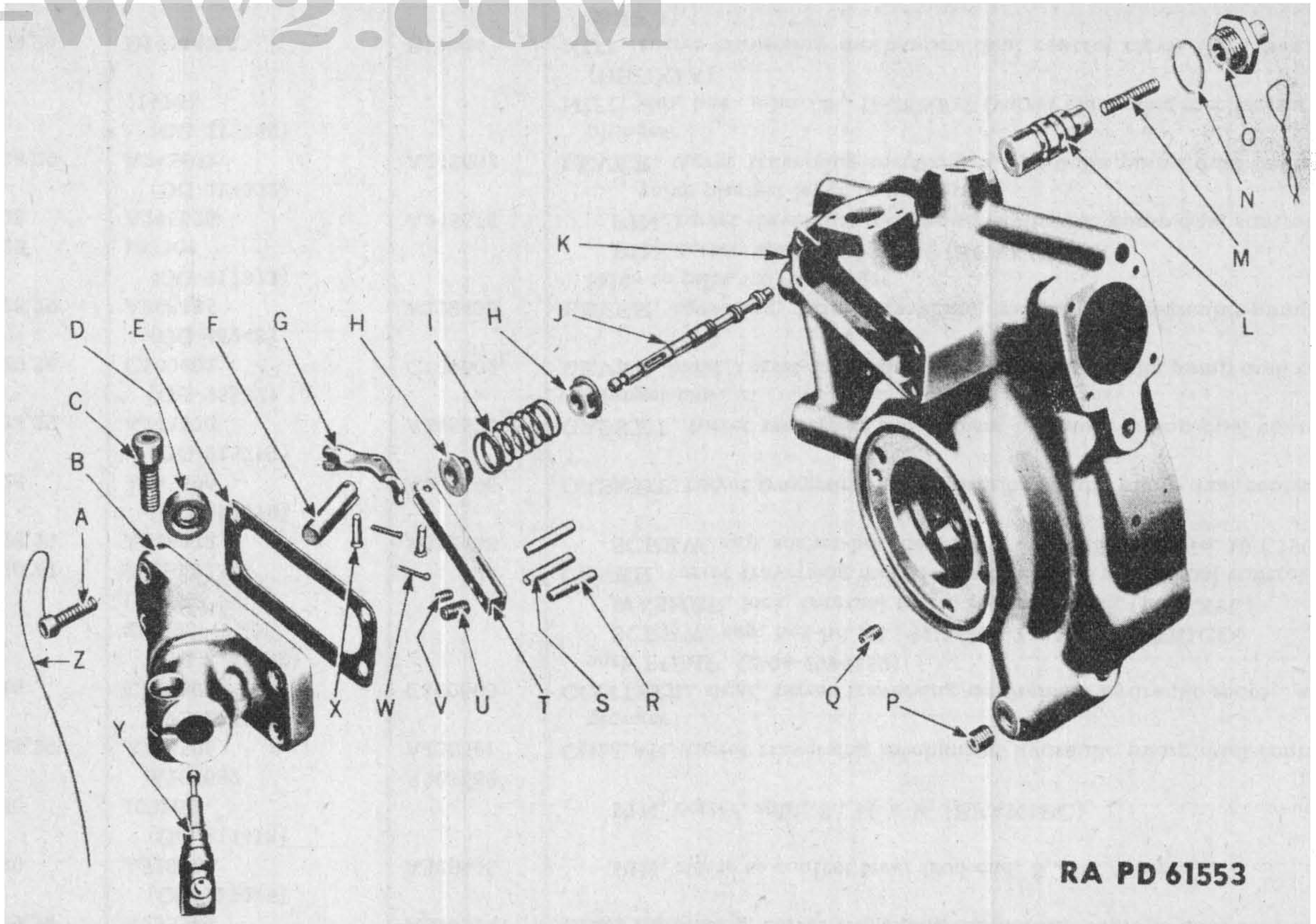



**FIGURE 19-28 — TURRET TRAVERSING MECHANISM HYDRAULIC PUMP CASE AND PILOT VALVE — EXPLODED VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SCREW | A328438 | 1905.65 |
| B | COVER | OG-45234 | 1905.65 |
| C | SCREW | 138221 | 1905.65 |
| D | OIL SEAL | A235571 | 1905.65 |
| E | GASKET | A245596 | 1905.65 |
| F | PIN | A328437 | 1905.65 |
| G | LEVER | A328435 | 1905.65 |
| H | COLLAR | A235501 | 1905.65 |
| I | SPRING | A235503 | 1905.65 |
| J | PLUNGER | A328436 | 1905.65 |
| K | CASE | D47519 | 1905.5 |
| L | BUSHING | A245576 | 1905.65 |
| M | SPRING | A245571 | 1905.65 |
| N | GASKET | A245570 | 1905.65 |
| O | CAP | A245573 | 1905.65 |
| P | PLUG | A164342A | 1905.5 |
| Q | CONNECTOR | A245587 | 1905.5 |
| R | PIN | 505514 | 1905.65 |
| S | PIN | A245600 | 1905.65 |
| T | LEVER | A245602 | 1905.65 |
| U | SCREW | A245625 | 1905.65 |
| V | SCREW | A245624 | 1905.65 |
| W | PIN | 103361 | 1905.65 |
| X | PIN | A245578 | 1905.65 |
| Y | CABLE | B209456 | 1905.65 |
| Z | WIRE | ANCX3 | 1905.65 |

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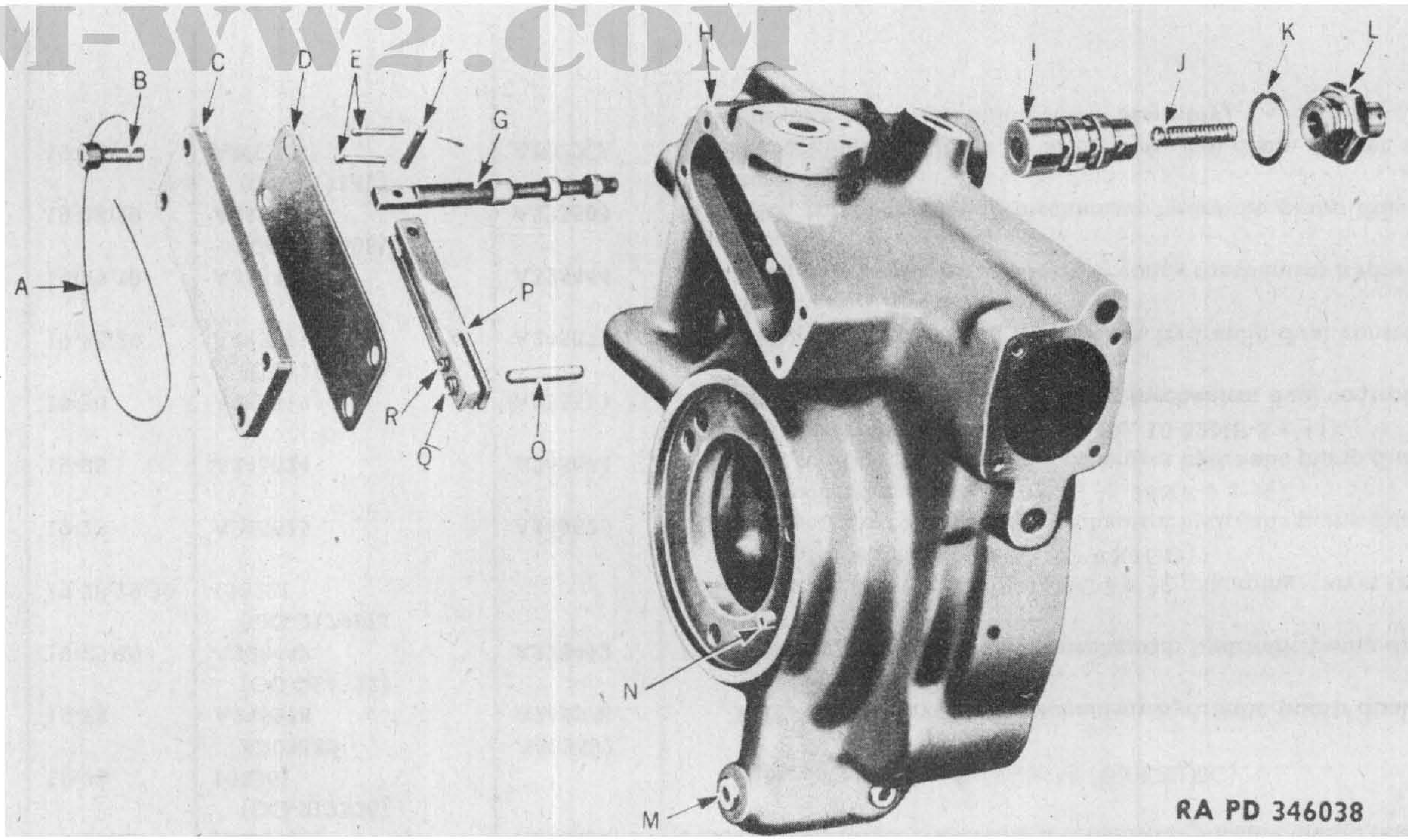



**FIGURE 19-28A — TURRET TRAVERSING MECHANISM HYDRAULIC PUMP CASE AND PILOT VALVE — EXPLODED VIEW (NEW STYLE)**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | WIRE | ANCX3 | 1905.68 |
| B | SCREW | A244976 | 1905.68 |
| C | COVER | A245595 | 1905.68 |
| D | GASKET | A245596 | 1905.68 |
| E | PIN | 103361 | 1905.68 |
| F | PIN | A245578 | 1905.68 |
| G | PLUNGER | A245601 | 1905.68 |
| H | CASE | D47519 | 1905.5 |
| I | BUSHING | A245576 | 1905.68 |
| J | SPRING | A245571 | 1905.68 |
| K | GASKET | A245570 | 1905.68 |
| L | CAP | A245573 | 1905.68 |
| M | PLUG | A164342A | 1905.5 |
| N | CONNECTOR | A245587 | 1905.5 |
| O | PIN | A245600 | 1905.68 |
| P | LEVER | A245602 | 1905.68 |
| Q | SCREW | A245625 | 1905.68 |
| R | SCREW | A245624 | 1905.68 |

RA PD 346038A

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-3068408 | 19-28,29 | A235571 (OG-217317) | A235571 | OIL SEAL, turret traversing mechanism hydraulic pump cover dual control | 1 | |
| | G104-2979812 | 19-28,29 | A328437 (OG-217377) | A328437 | PIN, pivot, turret traversing mechanism hydraulic pump dual control pilot valve plunger lever | 1 | |
| H-1 | H001-0829863 | 19-28 | 505514 | | PIN, stght., drill rod, .1875 x 1 (turret traversing mechanism hydraulic pump control box guide) (BFDX1ES) | 2 | |
| | G104-0304741 | 19-28 | A245600 (OG-215786) | A245600 | PIN, turret traversing mechanism hydraulic pump control box follower | 1 | |
| | G104-2979809 | 19-29,30 | A195968 (OG-217217) | A195968 | PIN, centering, turret traversing mechanism dual control lever | 1 | |
| | G104-2979814 | 19-29,30 | A328440 (OG-217413) | A328440 | PIN, pivot, turret traversing mechanism dual control lever | 1 | |
| | G104-2979813 | 19-29,30 | A328439 (OG-217409) | A328439 | PIN, retaining, turret traversing mechanism dual control detent rod | 1 | |
| | G104-2979810 | 19-29,30 | A195963 (OG-217218) | A195963 | PIN, stop, turret traversing mechanism dual control lever | 3 | |
| | G104-2985002 | 19-29,30 | A328441 (OG-217415) | A328441 | PLUNGER, detent, turret traversing mechanism hydraulic pump dual control | 1 | |
| | G104-2985001 | 19-28,29 | A328436 (OG-217376) | A328436 | PLUNGER, turret traversing mechanism hydraulic pump dual control pilot valve | 1 | |
| H-1 | H001-0811025 | 19-28 | 103361 | | PIN, cotter, split, S., 1/16 x 1/2 (BFAX1BC) | 1 | |
| | | | A203682 | A203682 | | | |
| | G103-1738601 | 19-28 | A245578 (OG-214322) | A245578 | PIN, turret traversing mechanism hydraulic pump dual control pilot valve plunger to lever | 1 | |
| | G104-3049346 | 19-29,30 | A328442 (OG-217417) | A328442 | ROD, detent, turret traversing mechanism hydraulic pump dual control | 1 | |
| H-1 | H001-1019543 | 19-28,29,30 | 138221 | | SCREW, cap, hex-hd., S., 5/16-18NC-3 x 3/4 (clamping, turret traversing mechanism dual control cable bracket) (BCWX1CD) | 1 | |
| | G104-1781798 | 19-28 | A245625 | A245625 | SCREW, set, turret traversing mechanism hydraulic pump dual control pilot valve lever (socket-hd., fl-pt., alloy-S., 1/4-28NF-3 x 1/2) | 1 | |
| | G104-1781797 | 19-28 | A245624 | A245624 | SCREW, set, turret traversing mechanism hydraulic pump dual control pilot valve lever (socket-hd., fl-pt., alloy-S., No. 10-32NF-3 x 1/4) | 1 | |
| | G104-3082399 | 19-30 | A235512 (OG-217219) | A235512 | SPRING, centering, turret traversing mechanism dual control lever | 1 | |
| | G103-1789768 | 19-28,29 | A245571 | A245571 | SPRING, turret traversing mechanism hydraulic dual control pump pilot valve plunger | 1 | |
| | G104-3082400 | 19-29,30 | A328444 (OG-217408) | A328444 | SPRING, detent plunger, turret traversing mechanism hydraulic pump dual control | 1 | |
| | G104-3082401 | 19-28,29 | A235503 (OG-217147) | A235503 | SPRING, turret traversing mechanism hydraulic pump dual control pilot valve plunger collar | 1 | |
| H-9 | H009-0101430 | 19-28 | ANCX3 | ANCX3 | WIRE, locking, br., grade A, anld., soft .040 diam. (turret traversing hydraulic pump pilot valve and dual control assembly) | as req. | |

## 1905.68—TURRET POWER TRAVERSING MECHANISM HYDRAULIC PUMP PILOT VALVE AND DUAL CONTROL ASSEMBLY—7068143 (New Style)

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 7068203 | | BOSS, hydraulic traversing mechanism dual control cable mount | 1 |
| H-1 | H001-5417760 | | 100112 | | SCREW, cap, hex-hd., S., 1/4-20NC-3 x 1 1/2 (BCVX2AQ) | 2 |
| H-1 | H001-5418440 | | 106277 | | SCREW, cap, hex-hd., S., 1/4-28NF-3 x 1 3/8 (BCVX2BP) | 2 |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., 1/4 in. (BECX1G) | 2 |
| | | | 7067981 | | BRACKET, hydraulic traversing mechanism dual control lever | 1 |
| H-1 | H001-0721003 | | 105606 | | NUT, reg., sq., unfin., S., 3/8-16NC-2 (BBNX1C) | 2 |
| H-1 | H001-5420560 | | 100134 | | SCREW, cap, hex-hd., S., 3/8-16NC-3 x 1 (BCVX2EL) | 2 |
| H-1 | H001-7017680 | | 114606 | | WASHER, lock, external teeth, reg., S., 3/8 in. (BEAX7H) | 2 |
| | | | 7067915 | | BRACKET, hydraulic traversing mechanism dual control, assembly (mounts lever BRACKET, 7067981) (Includes: mounting PADS and SHOCKS) | 1 |
| | | | 7068008 | | BRACKET, hydraulic traversing mechanism dual control cable, assembly | 1 |
| H-1 | H001-1019527 | | 138204 | | SCREW, cap, socket-hd., alloy-S., cd-pltd., 1/4-20NC-3 x 1 1/2 (BCWX1B1-1) | 2 |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., 1/4 (BECX1G) | 2 |
| | | | 7053853 | | BUSHING, hydraulic traversing mechanism dual control lever | 1 |
| | G103-1527781 | 19-28A | A245576 (OG-214219) | A245576 | BUSHING, turret traversing mechanism hydraulic pump control box valve plunger | 1 |
| | G103-1531613 | 19-28A | A245573 (OG-214210) | A245573 | CAP, turret traversing mechanism hydraulic pump control valve plunger | 1 |
| | | 19-10 | 7068143 | | CONTROL, dual, turret traversing mechanism hydraulic PUMP, assembly (used with hydraulic PUMP, assembly 7053868) | 1 |
| H-1 | H001-0725440 | | 194583 | | NUT, safety, m-screw, S., No. 10 (.190)-32NF-2 (hydraulic traversing mechanism dual control cable to lever and pump anchor) (BBSX1Z) | 2 |
| H-1 | H001-1030593 | | 100769 | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NF-2 x 1 1/8 (hydraulic traversing mechanism dual control cable to lever and pump anchor) (BCOX1.1AM) | 2 |
| | G104-2580205 | 19-28A | A245595 | A245595 | COVER, turret traversing mechanism hydraulic pump control box | 1 |
| | G103-1781874 | 19-28A | A244976 (OG-214944) | A244976 | SCREW, cap, socket-hd., dld. f/lkg-wire., alloy-S., No. 10 (.190)-32NF-2 x 5/8 | 4 |
| H-9 | H009-0101430 | 19-28A | ANCX3 | ANCX3 | WIRE, lock, br., soft, anld., .040 in. diam | as req. |
| | G104-0302391 | 19-28A | A245596 (OG-215779) | A245596 | GASKET, turret traversing mechanism hydraulic pump control box cover | 1 |
| | G103-1593995 | 19-28A | A245570 (OG-25532) | A245570 | GASKET, turret traversing mechanism hydraulic pump control valve plunger cap | 1 |
| | G104-1674213 | 19-28A | A245602 (OG-215788) | A245602 | LEVER, turret traversing mechanism hydraulic pump control box valve plunger | 1 |
| | G104-1781797 | 19-28A | A245624 | A245624 | SCREW, set, socket-hd., fl-pt., alloy-S., No. 10 (.190)-32NF-2 x 1/4 | 1 |
| | G104-1781798 | 19-28A | A245625 | A245625 | SCREW, set, socket-hd., fl-pt., alloy-S., 1/4-28NF-2 x 1/2 | 1 |
| | | | 7053848 | | LEVER, hydraulic traversing mechanism dual control, assembly | 1 |
| | | | 7053835 | | BOLT, hydraulic traversing mechanism dual control lever to mounting bracket | 1 |
| H-1 | H001-6076520 | | 140842 | | SCREW, set, hex-socket-hd., rd-pt., S., No. 10 (.190)-32NF-3 x 1/4 (BCTX2FC) | 1 |
| H-1 | H001-0811025 | 19-28A | 103361 | | PIN, cotter, split, S., 1/16 in. x 1/2 in. (hydraulic pump control box lever pin) (BFAX1BC) | 2 |
| | G104-0304741 | 19-28A | A245600 (OG-215786) | A245600 | PIN, turret traversing mechanism hydraulic pump control cam and lever (stght., S., .186 in. x .1875 in. x 1 1/32 in.) | 1 |
| H-1 | H001-0829863 | | 505514 | | PIN, stght., drill rod, .1875 x 1 1/8 (turret traversing mechanism hydraulic pump control lever guide) (BFDX1ES) | 2 |
| | G103-1738601 | 19-28A | A245578 | A245578 | PIN, turret traversing mechanism hydraulic pump dual control equalizer plunger | 1 |
| | G104-1740602 | 19-28A | A245601 | A245601 | PLUNGER, turret traversing mechanism hydraulic pump dual control equalizer | 1 |

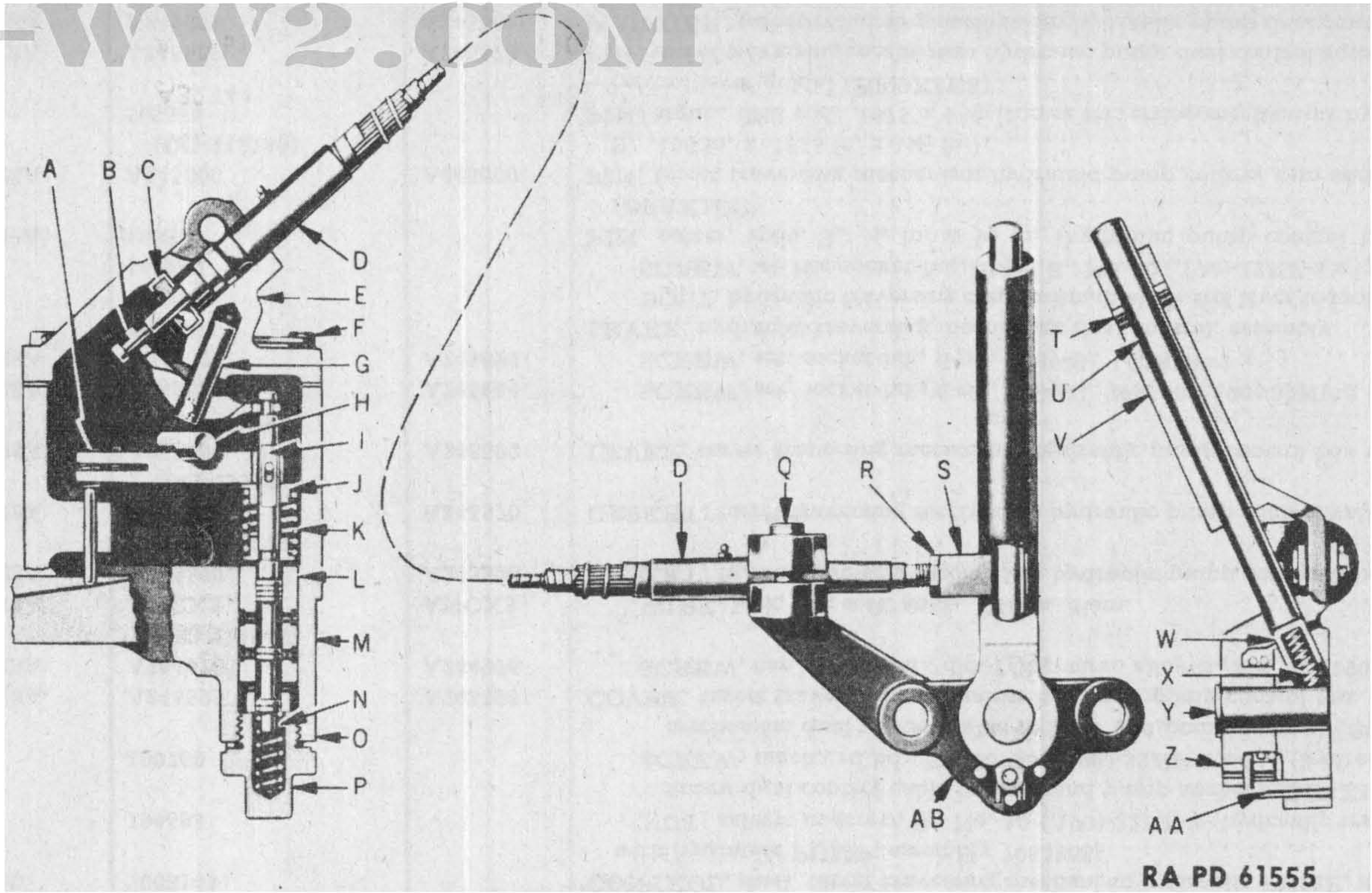



**FIGURE 19-29 — TURRET TRAVERSING MECHANISM HYDRAULIC PUMP PILOT VALVE AND DUAL CONTROL (OLD STYLE)**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | LEVER | A245602 | 1905.65 |
| B | LEVER | A328435 | 1905.65 |
| C | OIL SEAL | A235571 | 1905.65 |
| D | CABLE, ass'y | B209456 | 1905.65 |
| E | COVER | OG-45234 | 1905.65 |
| F | SCREW | A328438 | 1905.65 |
| G | PIN | A328437 | 1905.65 |
| H | SHAFT | A244979 | 1905.61 |
| I | PLUNGER | A328436 | 1905.65 |
| J | COLLAR | A235501 | 1905.65 |
| K | SPRING | A235503 | 1905.65 |
| L | BUSHING | A245576 | 1906.65 |
| M | CASE | D47519 | 1905.5 |
| N | SPRING | A245571 | 1905.65 |
| O | GASKET | A245570 | 1905.65 |
| P | CAP | A245573 | 1905.65 |
| Q | SCREW | 138221 | 1905.65 |
| R | NUT | B19444BA | 1905.65 |
| S | CLEVIS | A235514 | 1905.65 |
| T | PIN | A328439 | 1905.65 |
| U | ROD | A328442 | 1905.65 |
| V | LEVER | C100602 | 1905.65 |
| W | PLUNGER | A328441 | 1905.65 |
| X | SPRING | A328444 | 1905.65 |
| Y | PIN | A328440 | 1905.65 |
| Z | PIN | A195963 | 1905.65 |
| AA | PIN | A195968 | 1905.65 |
| AB | BRACKET | B209457 | 1905.65 |

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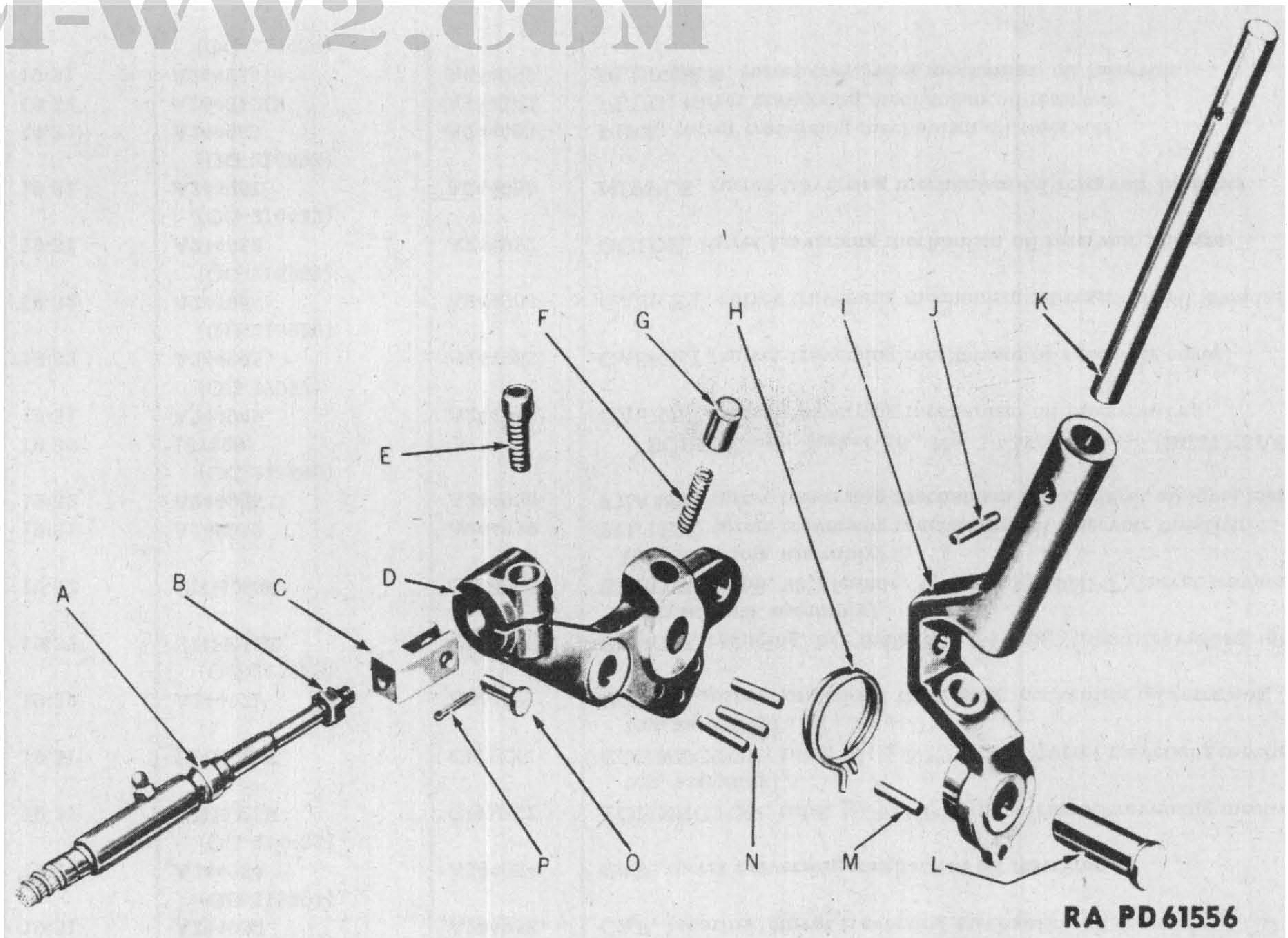



**FIGURE 19-30 — TURRET TRAVERSING MECHANISM DUAL CONTROL LEVER — EXPLODED VIEW (OLD STYLE)**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | CABLE, a'ssy | B209456 | 1905.65 |
| B | NUT | B194444BA | 1905.65 |
| C | CLEVIS | A235514 | 1905.65 |
| D | BRACKET | B209457 | 1905.65 |
| E | SCREW | 138221 | 1905.65 |
| F | SPRING | A328444 | 1905.65 |
| G | PLUNGER | A328441 | 1905.65 |
| H | SPRING | A235512 | 1905.65 |
| I | LEVER | C100602 | 1905.65 |
| J | PIN | A328439 | 1905.65 |
| K | ROD | A328442 | 1905.65 |
| L | PIN | A328440 | 1905.65 |
| M | PIN | A195968 | 1905.65 |
| N | PIN | A195963 | 1905.65 |
| O | PIN | A328445 | 1905.65 |
| P | PIN | 103361 | 1905.65 |

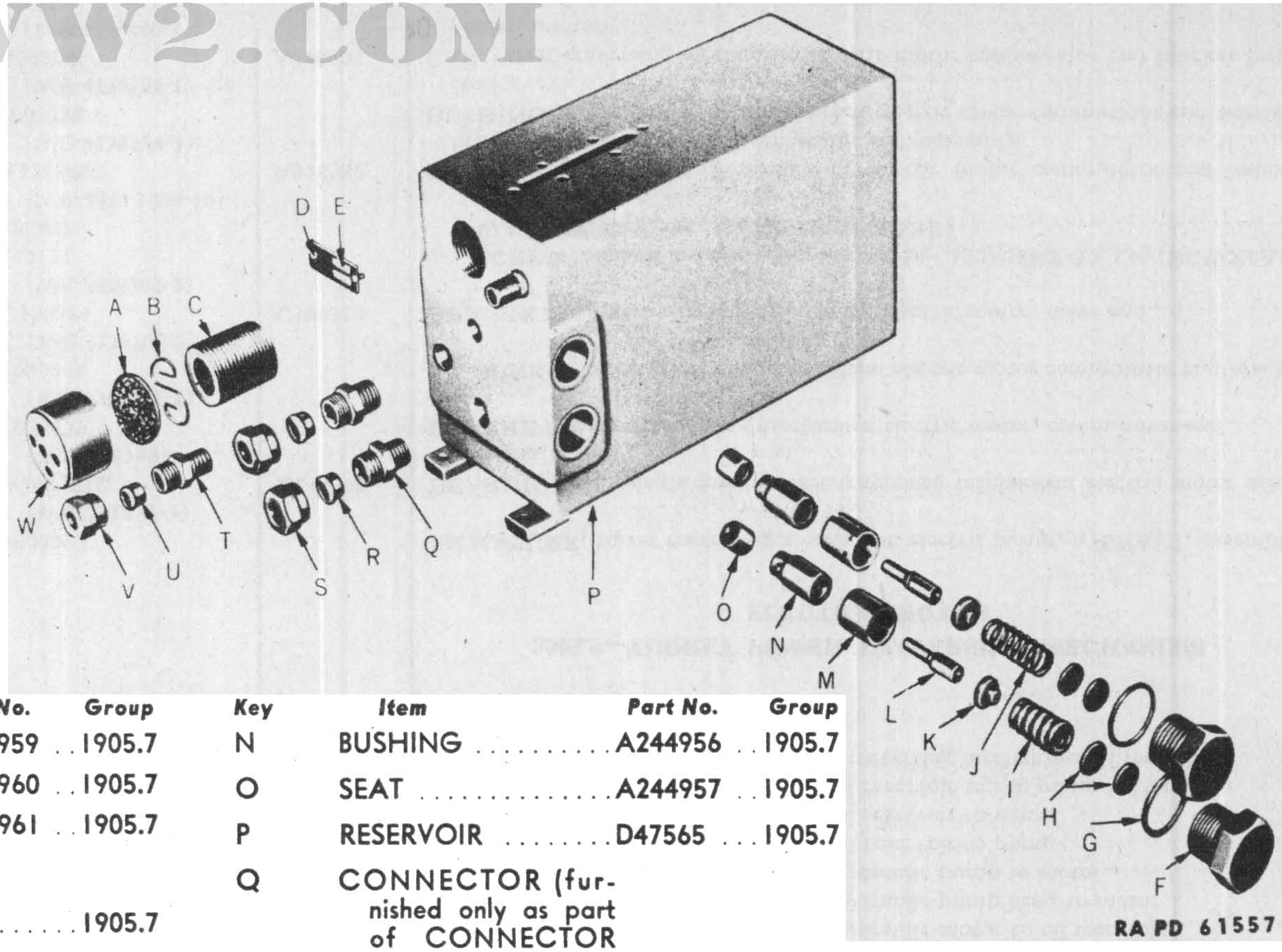
RA PD 61556C

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G103-1789768 | 19-28A | A245571 | A245571 | SPRING, turret traversing mechanism hydraulic pump pilot valve, small | 1 | |
| | | | 7068006 | | STUD, swivel, hydraulic traversing dual control cable, assembly | 1 | |
| H-1 | H001-0725650 | | 503344 | | NUT, safety, S., 5/16-24NF-3 (BBSX4AB) | 1 | |
| H-1 | H001-1530008 | | 103340 | | WASHER, plain, S., SAE std., 5/16 in. (BEBX1H) | 1 | |
| | | | | | **1905.7—TURRET POWER TRAVERSING MECHANISM RESERVOIR AND LINES** | | |
| | G103-1527755 | 19-31 | A244956 (OG-214436) | A244956 | BUSHING, turret traversing mechanism oil reservoir, inner | 2 | |
| | G103-1767701 | 19-31 | A244951 (OG-214431) | A244951 | BUSHING, turret traversing mechanism oil reservoir, outer | 2 | |
| | G103-1531611 | 19-31 | A244958 (OG-215694) | A244958 | CAP, breather, turret traversing mechanism oil reservoir | 1 | |
| | G103-1531612 | 19-31 | A244954 (OG-214433) | A244954 | CAP, turret traversing mechanism oil reservoir | 2 | |
| H-6 | H006-0318550 | 19-31 | CNHX1F | CNHX1 | CONNECTOR, tube, 1/2-3/8 NPT, male (turret traversing mechanism oil reservoir, top, assembly) | 2 | |
| H-6 | H006-0318540 | 19-31 | CNHX1E | CNHX1 | CONNECTOR, tube, 3/8-1/4 NPT, male (turret traversing mechanism oil reservoir, top, assembly) | 1 | |
| | G104-2580202 | 19-32 | A244971 (OG-215919) | A244971 | COVER, inspection, turret traversing mechanism oil reservoir | 1 | |
| H-6 | H006-0333120 | 19-32 | CNHX5E | CNHX5 | ELBOW, reducing, br., male, 90°, 3/8 x 9/32 (turret traversing mechanism oil reservoir, bottom, assembly) | 2 | |
| H-6 | H006-0327090 | 19-32 | CNHX6E | CNHX6 | ELBOW, union, 90°, female, 1/4 tube, 1/4-19NPT (turret traversing mechanism oil reservoir, top, assembly) | 1 | |
| | G103-1842794 | 19-31 | A244959 | A244959 | FILTER, turret traversing mechanism oil reservoir breather | 1 | |
| | G103-2188201 | 19-32 | A244966 (OG-215690) | A244966 | FRAME, turret traversing mechanism oil reservoir oil level inspection window | 1 | |
| H-1 | H001-1019751 | 19-32 | 187828 | | SCREW, cap, socket-hd., No. 10-32NF-3 x 1/2 (BCWX3AB) | 6 | |
| | G103-1593996 | 19-31 | A244949 (OG-27027) | A244949 | GASKET, turret traversing mechanism oil reservoir cap | 2 | |
| | G104-0302453 | 19-32 | A244965 (OG-215920) | A244965 | GASKET, turret traversing mechanism oil reservoir cover | 1 | |
| | G103-1594012 | 19-32 | A244964 (OG-215961) | A244964 | GASKET, turret traversing mechanism oil reservoir oil level inspection window | 2 | |
| | G103-1605551 | 19-31 | A244952 (OG-214432) | A244952 | GUIDE, turret traversing mechanism oil reservoir plunger | 2 | |
| | G103-1707412 | 19-31 | A244961 (OG-215693) | A244961 | NIPPLE, turret traversing mechanism oil reservoir breather | 1 | |
| | G104-2979900 | 19-32 | A244983 | A244983 | PIPE, turret traversing mechanism oil reservoir | 1 | |
| H-6 | H006-0283010 | 19-32 | A164342B | A164342 | PLUG, turret traversing mechanism oil reservoir | 2 | |
| | G103-1740850 | 19-31 | A244953 (OG-214434) | A244953 | PLUNGER, turret traversing mechanism oil reservoir | 2 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0304415 | 19-10,31 | D47566 (OG-54181) | D47566 | RESERVOIR, oil, turret traversing mechanism, assembly | 1 |
| | | 19-31,32 | D47565 (OG-54179) | D47565 | RESERVOIR, oil, turret traversing mechanism | 1 |
| H-1 | H001-1019750 | 19-32 | 217920 | | SCREW, cap, socket-hd., alloy-S., No. 10 (.190)-32NF-3 x 3/8 (turret traversing mechanism oil reservoir cover) (BCWX3AA) | 10 |
| | G103-1783131 | 19-31 | A244957 (OG-214435) | A244957 | SEAT, turret traversing mechanism oil reservoir plunger | 2 |
| | G103-1784946 | 19-31 | A244967 (OG-214429) | A244967 | SHIM, turret traversing mechanism oil reservoir cap | 4 |
| | G103-1769695 | 19-31 | A244960 | A244960 | SPRING, snap, turret traversing mechanism oil reservoir breather | 1 |
| | G103-1789601 | 19-31 | A244950 (OG-214430) | A244950 | SPRING, retaining, turret traversing mechanism oil reservoir plunger, heavy | 1 |
| | G103-1789603 | 19-31 | A244955 (OG-215846) | A244955 | SPRING, retaining, turret traversing mechanism oil reservoir plunger, light | 1 |
| | G104-1807915 | 19-10 | C95166 | C95166 | TUBE, turret traversing mechanism oil reservoir bottom to pump bottom (16 5/16 lgh.) | 1 |
| | G104-1807913 | 19-10 | C95165 | C95165 | TUBE, turret traversing mechanism oil reservoir bottom to pump bottom (15 3/4 lgh.) | 1 |
| | | 19-10 | C101388 | C101388 | TUBE, turret traversing mechanism hydraulic motor to oil reservoir | 1 |
| | | 19-10 | C101390 | C101390 | TUBE, turret traversing mechanism hydraulic pump head to motor | 1 |
| | | 19-10 | C101389 | C101389 | TUBE, turret traversing mechanism hydraulic pump to motor | 1 |
| | G104-1807889 | 19-10 | B197503 | B197503 | TUBE, turret traversing mechanism oil reservoir to pump | 1 |
| | G104-1807893 | 19-10 | B197505 | B197505 | TUBE, turret traversing mechanism oil reservoir to pump | 1 |
| | G104-1807891 | 19-10 | B197504 | B197504 | TUBE, turret traversing mechanism oil reservoir top to pump bottom | 1 |
| | G103-1847500 | 19-32 | A244963 (OG-215692) | A244963 | WINDOW, oil level inspection, turret traversing mechanism oil reservoir | 1 |

## 1905.9—TURRET POWER TRAVERSING MECHANISM ELECTRIC MOTOR

| | | | | | | |
|---|---|---|---|---|---|---|
| | G210-7000375 | 19-33 | 7000375 (WE-581817-4) | | ARMATURE, turret traversing mechanism electric motor, w/SHAFT, assembly | 1 |
| H-12 | H012-0700236 | 19-33 | A248093D (WE-408189) | A248093 | BEARING, ball (single row) (turret traversing mechanism electric motor armature shaft) | 2 |
| | G210-7000271 | 19-33,34 | 7000271 (WE-7A5671-1) | | BRACKET, turret traversing mechanism electric motor, commutator end | 1 |
| | G210-7000261 | | 7000261 (WE-7D8706-3) | | SCREW, turret traversing mechanism electric motor commutator end bracket | 8 |
| | 9500-5B8209-2 | 19-33 | C100314 (WE-5B8209-2) | C100314 | BRACKET, turret traversing mechanism electric motor, drive end | 1 |
| H-1 | H001-1019757 | 19-33 | 147121 | | SCREW, cap, socket-hd., alloy-S., No. 10 (.190)-32NF-3 x 1 1/2 (BCWX3AH) | 8 |
| H-1 | H001-1518005 | 19-33 | 106497 (WE-MC-3596-19) | | WASHER, lock, reg., S., No. 10 (BECX1E) | 8 |
| | G104-2126259 | 19-34 | A326582C (WE-4D9524-3) | A326582 | BRUSH, turret traversing mechanism electric motor commutator end bracket brush holder to armature commutator end, assembly | 4 |
| | G210-7000258 | | 7000258 (WE-4D9564-1) | | BUSHING, turret traversing mechanism electric motor commutator end terminal stud | 1 |
| | G210-5248095 | 19-34 | A248095 (WE-4D9490-1) | A248095 | CAP, turret traversing mechanism electric motor commutator end bracket brush holder, assembly | 4 |






| Key | Item | Part No. | Group |
|---|---|---|---|
| A | FILTER | A244959 | 1905.7 |
| B | SPRING | A244960 | 1905.7 |
| C | NIPPLE | A244961 | 1905.7 |
| D | SCREW (furnished only as part of RESERVOIR ass'y, D47566) | | 1905.7 |
| E | PLATE (furnished only as part of RESERVOIR ass'y, D47566) | | 1905.7 |
| F | CAP | A244954 | 1905.7 |
| G | GASKET | A244949 | 1905.7 |
| H | SHIM | A244967 | 1905.7 |
| I | SPRING | A244950 | 1905.7 |
| J | SPRING | A244955 | 1905.7 |
| K | GUIDE | A244952 | 1905.7 |
| L | PLUNGER | A244953 | 1905.7 |
| M | BUSHING | A244951 | 1905.7 |
| N | BUSHING | A244956 | 1905.7 |
| O | SEAT | A244957 | 1905.7 |
| P | RESERVOIR | D47565 | 1905.7 |
| Q | CONNECTOR (furnished only as part of CONNECTOR ass'y, B183358G) | | 1905.7 |
| R | UNION (furnished only as part of CONNECTOR ass'y, B183358G) | | 1905.7 |
| S | NUT (furnished only as part of CONNECTOR ass'y, B183358G) | | 1905.7 |
| T | CONNECTOR (furnished only as part of CONNECTOR ass'y, B183358E) | | 1905.7 |
| U | UNION (furnished only as part of CONNECTOR ass'y, B183358E) | | 1905.7 |
| V | NUT (furnished only as part of CONNECTOR ass'y, B183358E) | | 1905.7 |
| W | CAP | A244958 | 1905.7 |

RA PD 61557E

**FIGURE 19-31 — TURRET TRAVERSING MECHANISM OIL RESERVOIR ASSEMBLY — EXPLODED VIEW**

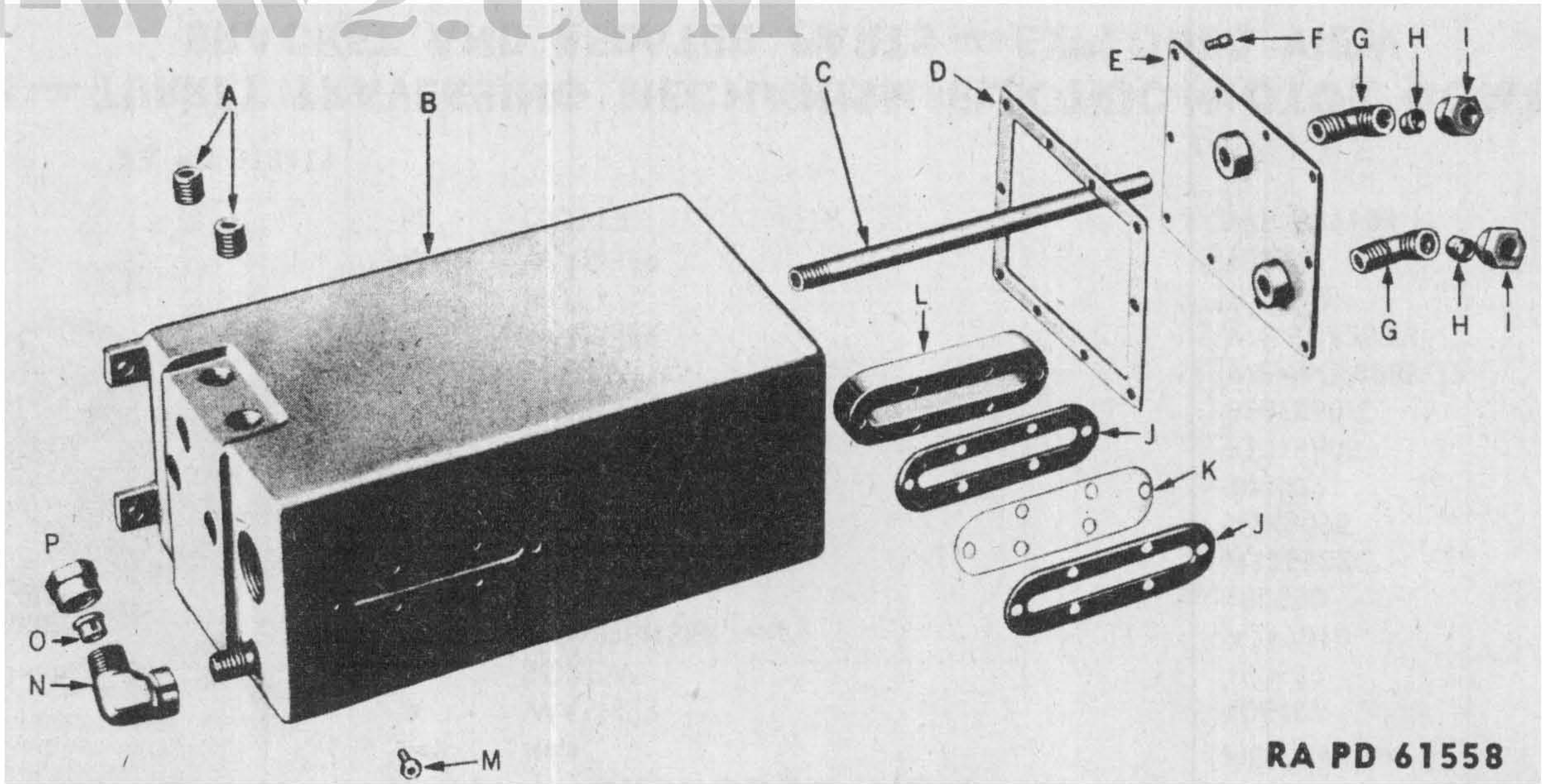
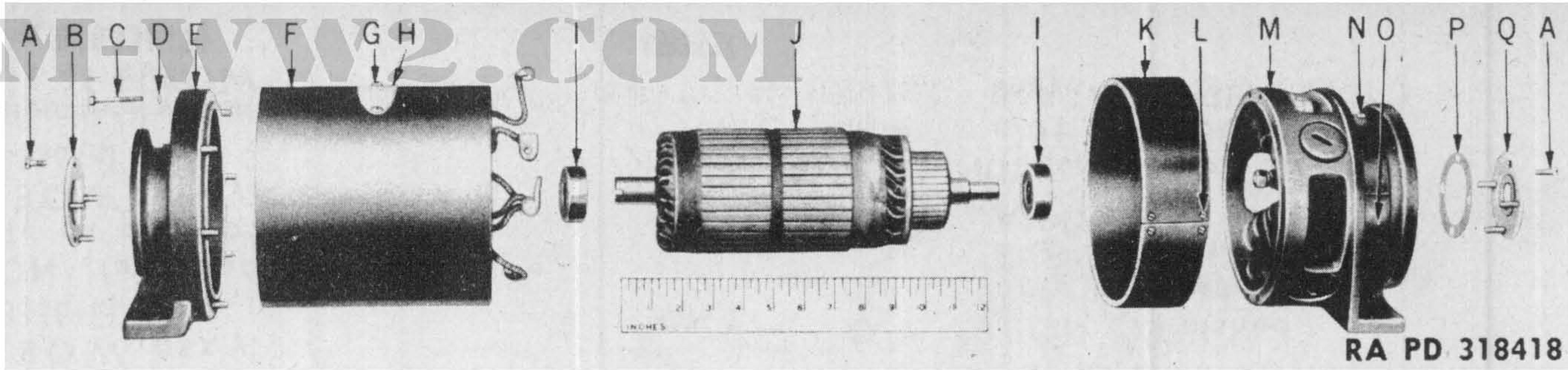



**FIGURE 19-32 — TURRET TRAVERSING MECHANISM RESERVOIR AND INSPECTION COVER — EXPLODED VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PLUG | A164342B | 1905.7 |
| B | RESERVOIR | D47565 | 1905.7 |
| C | PIPE | A244983 | 1905.7 |
| D | GASKET | A244965 | 1905.7 |
| E | COVER | A244971 | 1905.7 |
| F | SCREW | 217920 | 1905.7 |
| G | ELBOW (furnished only as part of ELBOW ass'y, B183361E) | | 1905.7 |
| H | UNION (furnished only as part of ELBOW ass'y, B183361E) | | 1905.7 |
| I | NUT (furnished only as part of ELBOW ass'y, B183361E) | | 1905.7 |
| J | GASKET | A244964 | 1905.7 |
| K | WINDOW | A244963 | 1905.7 |
| L | FRAME | A244966 | 1905.7 |
| M | SCREW | 187828 | 1905.7 |
| N | ELBOW (furnished only as part of ELBOW ass'y, A191243E) | | 1905.7 |
| O | UNION (furnished only as part of ELBOW ass'y, A191243E) | | 1905.7 |
| P | NUT (furnished only as part of ELBOW ass'y, A191243E) | | 1905.7 |

RA PD 61558E

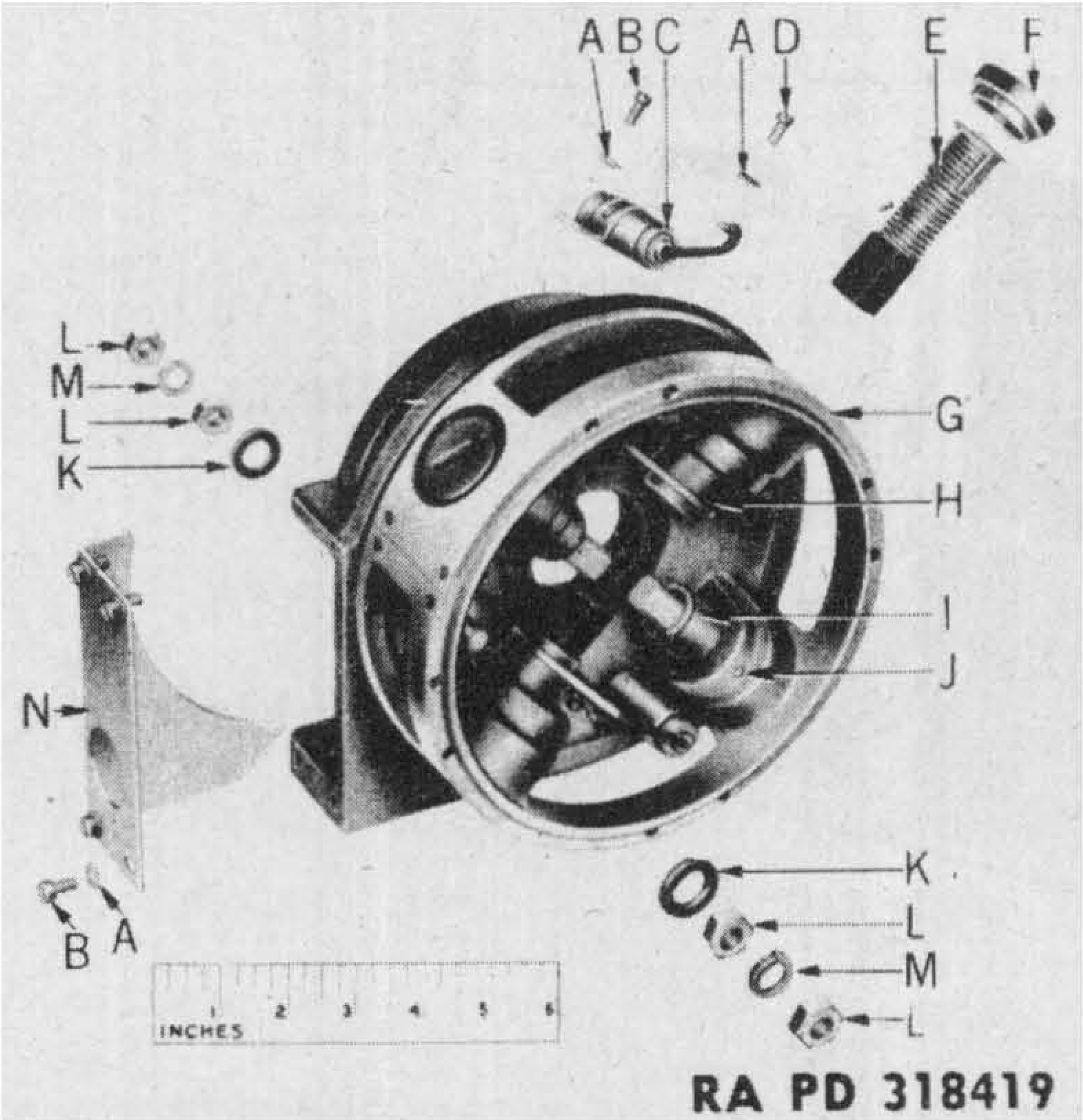



| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SCREW | 100869 | 1905.9 |
| B | PLATE | 7000371 | 1905.9 |
| C | SCREW | 147121 | 1905.9 |
| D | WASHER | 106497 | 1905.9 |
| E | BRACKET | C100314 | 1905.9 |
| F | FRAME, ass'y | 7000268 | 1905.9 |
| G | PIN (furnished only as part of MOTOR ass'y, D50914) | | 1905.9 |
| H | PLATE (furnished only as part of MOTOR ass'y, D50914) | | 1905.9 |
| I | BEARING | A248093D | 1905.9 |
| J | ARMATURE, w/SHAFT, ass'y | 7000375 | 1905.9 |
| K | COVER | WE-1C2169-1 | 1905.9 |
| L | SCREW | 100659 | 1905.9 |
| M | BRACKET | 7000271 | 1905.9 |
| N | SCREW | 113625 | 1905.9 |
| O | COVER | WE-5D4360-1 | 1905.9 |
| P | SHIM | 7000255 | 1905.9 |
| Q | PLATE | 7000256 | 1905.9 |

RA PD 318418C



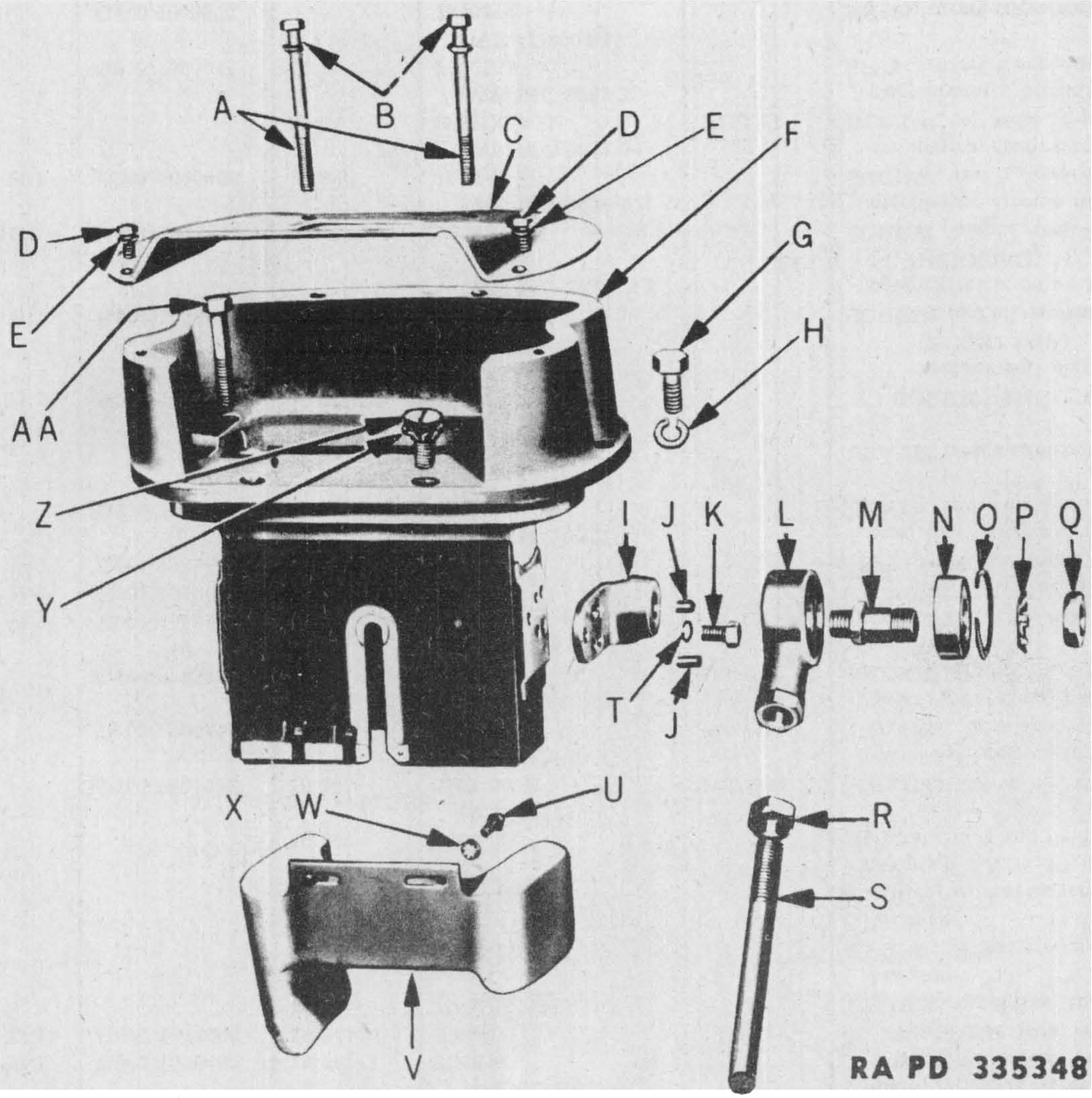
**FIGURE 19-33 — TURRET TRAVERSING MECHANISM ELECTRIC MOTOR, D50914 — EXPLODED VIEW**




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | WASHER | 106497 | 1905.9 |
| B | SCREW | 100659 | 1905.9 |
| C | CONDENSER, ass'y | A297010 | 1905.9 |
| D | SCREW | 100658 | 1905.9 |
| E | BRUSH, ass'y | A326582C | 1905.9 |
| F | CAP, ass'y | A248095 | 1905.9 |
| G | BRACKET | 7000271 | 1905.9 |
| H | HOLDER, ass'y | B207560B | 1905.9 |
| I | HOLDER, ass'y | B207560A | 1905.9 |
| J | SCREW | WE-MC-8085-32 | 1905.9 |
| K | WASHER | WE-5D4255-1 | 1905.9 |
| L | NUT | 7000369 | 1905.9 |
| M | WASHER | 103321 | 1905.9 |
| N | COVER | WE-1C9104-1 | 1905.9 |

RA PD 318419C

**FIGURE 19-34 — TURRET TRAVERSING MECHANISM ELECTRIC MOTOR COMMUTATOR END BRACKET AND RELATED PARTS — EXPLODED VIEW**




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | BOLT | 7067556 | 1903.25 |
| B | WASHER | 110730 | 1903.25 |
| C | COVER | 7067409 | 1903.25 |
| D | SCREW | 216958 | 1903.25 |
| E | WASHER | 113114 | 1903.25 |
| F | HOUSING | D78423 | 1903.25 |
| G | BOLT | 223600 | 1903.25 |
| H | WASHER | 103321 | 1903.25 |
| I | ARM | B289679 | 1903.25 |
| J | PIN | 544003 | 1903.25 |
| K | SCREW | 215957 | 1903.25 |
| L | CONNECTOR | A213103 | 1903.25 |
| M | STUD | A213105 | 1903.25 |
| N | BEARING | A213104 | 1903.25 |
| O | SNAP RING | A213106 | 1903.25 |
| P | WASHER | 711205 | 1903.25 |
| Q | NUT | 711011 | 1903.25 |
| R | NUT | 218442 | 1903.25 |
| S | ROD | B289680 | 1903.25 |
| T | WASHER | 115549 | 1903.25 |
| U | SCREW | 216253 | 1903.25 |
| V | SHIELD | C152418 | 1903.25 |
| W | WASHER | A246608H | 1903.25 |
| X | HOLDER | C102411 | 1903.25 |
| Y | SCREW | 111636 | 1903.25 |
| Z | WASHER | 114618 | 1903.25 |
| AA | SCREW | 216794 | 1903.25 |

RA PD 335348C

**FIGURE 19-35 — TURRET SIGHTING DEVICE, D81897 — EXPLODED VIEW**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | A055-0139895 | 19-34 | A297010 (WE-6D6761-1) | A297010 | CONDENSER, radio, turret traversing mechanism electric motor, assembly (.1 micro-farad, 200 volt, metal clad) | 2 | |
| H-1 | H001-1026463 | 19-34 | 100659 | | SCREW, mach., oval-fil-hd., S., No. 10 (.190)-32NF-2 x ⅜ (BCGX1.1BD) | 2 | |
| H-1 | H001-1518005 | 19-34 | 106497 | | WASHER, lock, reg., S., No. 10 (BECX1E) | 2 | |
| | | 19-33 | (WE-5D4360-1) | | COVER, inspection, turret traversing mechanism electric motor commutator end bracket | 1 | |
| | | 19-33 | (WE-1C2169-1) | | COVER, turret traversing mechanism electric motor commutator end bracket brushes | 1 | |
| | | 19-34 | (WE-1C9104-1) | | COVER, turret traversing mechanism electric motor commutator end bracket terminal | 1 | |
| | | 19-33 | 7000268 (WE-588237-2) | | FRAME, pole and field coil, turret traversing mechanism electric motor, assembly | 1 | |
| | G163-7005618 | 19-34 | B207560A (WE-1C2171-1) | B207560 | HOLDER, grounded brush, turret traversing mechanism electric motor commutator end bracket, assembly | 2 | |
| | G163-7005619 | 19-34 | B207560B (WE-1C2171-2) | B207560 | HOLDER, insulated brush, turret traversing mechanism electric motor commutator end bracket, assembly | 2 | |
| | G104-0303978 | 06-25,19-10, 33 | D50914 (WE-957952) | D50914 | MOTOR, electric, turret traversing mechanism, assembly | 1 | |
| H-1 | H001-1013283 | | 216030 | | SCREW, cap, hex-hd., S., ½-20NF-2 x 1 (BCBX1EC) | 4 | |
| H-1 | H001-1519013 | | 115551 | | WASHER, lock, internal teeth, reg., S., ½ in. (BEAX2B) | 4 | |
| | G104-2932085 | 19-34 | 7000369 (WE-MC-3551-37) | | NUT, turret traversing mechanism electric motor commutator end bracket terminal stud (mach-screw., hex., ⅜-16NF) | 4 | |
| | G210-7000256 | 19-33 | 7000256 (WE-4D9504-1) | | PLATE, end, turret traversing mechanism electric motor commutator end bracket | 1 | |
| | | 19-33 | 7000371 (WE-4D9504-2) | | PLATE, end, turret traversing mechanism electric motor drive end bracket | 1 | |
| H-1 | H001-1023627 | 19-33 | 100869 | | SCREW, mach., fl-hd., S., No. 10 (.190)-32NF-2 x ⅝ (commutator end bracket end plate to frame (4), drive end bracket end plate to frame (4) (BCLX1.1AG) | 8 | |
| H-1 | H001-1026069 | 19-33 | 113625 (WE-MC-8032-40) | | SCREW, mach., oval-fil-hd., S., No. 8 (.164)-32NC-2 x 5/16 (turret traversing mechanism electric motor field coil lead (4) commutator end bracket inspection cover (4) (BCFX2AC) | 8 | |
| H-1 | H001-1026461 | 19-34 | 100658 (WE-MC-8032-62) | | SCREW, mach., oval-fil-hd., S., No. 10 (.190)-32NF-2 x ¼ (turret traversing mechanism electric motor condenser lead clip to brush holder) (BCGX1.1BB) | 2 | |
| H-1 | H001-1026463 | 19-33 | 100659 (WE-MC-8032-64) | | SCREW, mach., oval-fil-hd., S., No. 10 (.190)-32NF-2 x ⅜ (turret traversing mechanism electric motor cover band (4), terminal cover (4) (BCGX1.1BD) | 8 | |
| | | 19-34 | BCUX1AH (WE-MC-8085-32) | BCUXI | SCREW, set, hdls., fl-pt., S., No. 1 (.073)-72NF-3 (turret traversing mechanism electric motor brush holder) | 6 | |
| | G210-7000255 | 19-33 | 7000255 (WE-4D9503-1) | | SHIM, turret traversing mechanism electric motor armature end play (.005) | as req. | |
| | G210-7000372 | | 7000372 (WE-4D9503-2) | | SHIM, turret traversing mechanism electric motor armature end play (.008) | as req. | |
| | G210-7000373 | | 7000373 (WE-4D9503-3) | | SHIM, turret traversing mechanism electric motor armature end play (.032) | as req. | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G210-7000257 | | 7000257 (WE-4D9563-2) | | STUD, terminal, turret traversing mechanism electric motor commutator end bracket | 1 |
| | G103-7000260 | 19-34 | 7000260 (WE-5D4255-1) | | WASHER, fiber, turret traversing mechanism electric motor commutator end bracket terminal stud | 2 |
| H-1 | H001-1519007 | | 115545 (WE-5D4150-5) | | WASHER, lock, internal teeth, reg., S., No. 10 (turret traversing mechanism electric motor cover band) (BEAX1F) | 4 |
| H-1 | H001-1518005 | 19-34 | 106497 | | WASHER, lock, reg., S., No. 10 (turret traversing mechanism electric motor condenser lead) (BECX1E) | 2 |
| H-1 | H001-1518009 | 19-34 | 103321 (WE-MC-3686-37) | | WASHER, lock, reg., S., 3/8 in. (turret traversing mechanism electric motor commutator end bracket terminal stud) (BECX1K) | 2 |
| | G103-7000260 | | 7000260 (WE-5D4255-1) | | WASHER, turret traversing mechanism electric motor commutator end bracket terminal stud | 2 |

### 1906—TURRET STOWAGE AND AMMUNITION BOXES

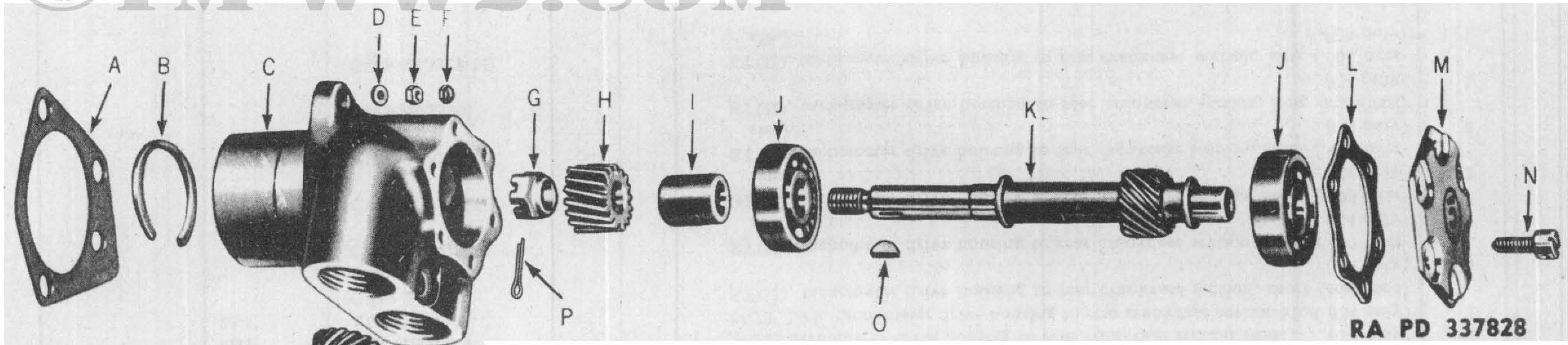
| | | | | | | |
|---|---|---|---|---|---|---|
| | | 19-1 | 7067056 | | BOX, ammunition, 76 mm., assembly | 1 |
| H-1 | H001-1013245 | | 215992 | | SCREW, cap, hex-hd., S., 3/8-24NF-2 x 1 (BCBX1CC) | 8 |
| | | 19-1 | D82340 | D82340 | BOX, commander's cupola prisms or blocks, turret, assembly | 1 |
| | | 19-1 | D82355 | D82355 | BOX, hand grenade, turret platform, assembly | 1 |
| | G104-1524416 | 19-1 | D50157 | D50157 | BOX, periscope, turret platform, assembly | 2 |
| | G104-5652466 | | C152466 | C152466 | BOX, smoke grenade, turret, assembly | 1 |
| | G104-6590039 | 19-1 | D90039 | D90039 | BOX, turret periscope, assembly | 1 |
| H-1 | H001-1013283 | | 216030 | | SCREW, cap, hex-hd., S., 1/2-20NF-2 x 1 (BCBX1EC) | 2 |
| H-1 | H001-1518011 | | 103323 | | WASHER, lock, reg., S., 1/2 (BECX1M) | 2 |
| | G104-6582198 | 19-1 | D82198 | D82198 | BRACKET, turret binocular, assembly | 1 |

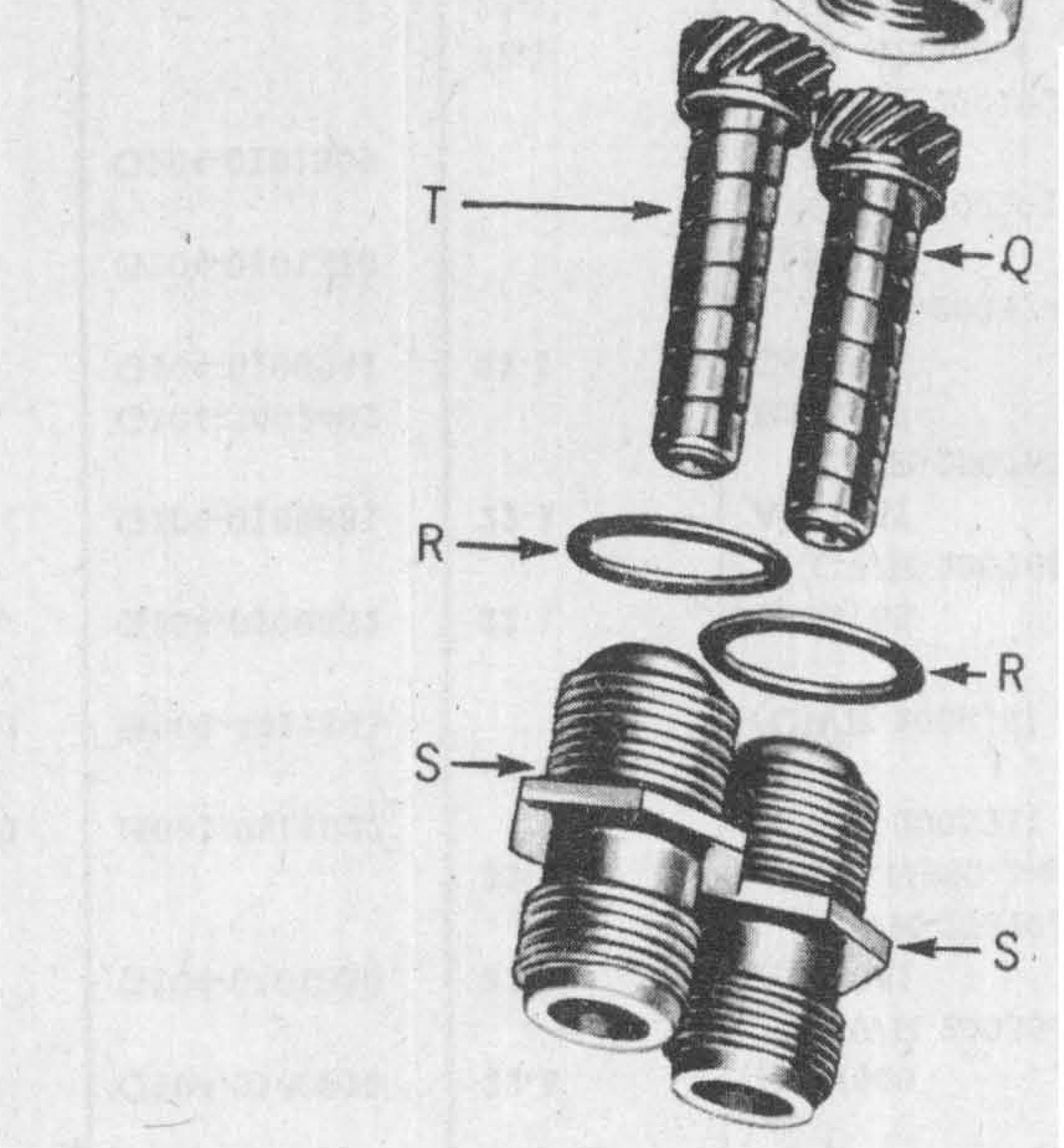
# GROUP 22 — ACCESSORIES

### 2208.1—SPEEDOMETER, ADAPTERS AND DRIVE SHAFT

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-1648654 | | C99393 (AC-1567026) | C99393 | ADAPTER, speedometer drive, assembly | 1 |
| | G104-1648653 | 07-17 | A246188 (SW-667C) | A246188 | ANGLE, joint, speedometer drive, assembly | 1 |
| | G104-0100298 | | A213811 | A213811 | CAP, dust, transmission speedometer extension shaft | 1 |
| | G104-3072002 | | A297203 | A297203 | EXTENSION, speedometer drive shaft | 1 |
| | G104-0400792 | 07-17 | A217378 (SP-89-472-1) | A217378 | GASKET, transmission speedometer sleeve (hard paper, .020 thk.) | 1 |
| | G104-0400840 | 07-17 | B181946 (SW-448006) | B181946 | GEAR, speedometer drive, adapter driven, w/integral SHAFT (16T., .90 O.D., 5 31/32 overall lgh.) | 1 |
| | G104-1784664 | | A246189 (SW-405231) | A246189 | SHAFT, extension, transmission speedometer drive (superseded by SHAFT, G104-3072002) | 1 |
| | G104-3072002 | 07-17 | A297203 | A297203 | SHAFT, extension, transmission speedometer drive (supersedes SHAFT, G104-1784664) | 1 |
| | G104-2384644 | 06-25 | B200041E | B200041 | SHAFT, flexible, speedometer | 1 |
| | G104-0401883 | 07-17 | B141506 (SW-403170) | B141506 | SLEEVE, transmission output shaft speedometer driven gear | 1 |
| H-1 | H001-0116015 | 07-17 | 227461 | | BOLT, hex-hd., s-fin., alloy-S., 5/16-18NC-2 x 1 (BANX1BC) | 2 |
| H-1 | H001-1518008 | 07-17 | 103320 | | WASHER, lock, reg., S., 5/16 (BECX1H) | 2 |

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-0401887 | 07-2,17 | A213812 (SW-410735) | A213812 | SLEEVE, transmission speedometer drive extension shaft | 1 | |
| | G104-1789515 | | A294659 | A294659 | SPACER, transmission speedometer drive gear, assembly (Includes: SHIELD and SLEEVE) | 1 | |
| | G104-0401190 | | A217369 (SP-89-360-4) | A217369 | NUT, transmission speedometer drive gear spacer (rd., S., 1 31/32-16NS-3, 3 O.D., 3/4 thk.) | 1 | |
| | G104-0402070 | | A217308 (SP-89-701W) | A217308 | WASHER, lock, transmission speedometer drive gear spacer (special, S., 3 3/16 O.D.) | 1 | |
| | | 06-22,23 | 6208454 | | SPEEDOMETER, w/CLAMP, assembly | 1 | |
| H-1 | H001-0716610 | | 103088 | | NUT, mach. screw, hex., S., No. 10 (.190)-32NF-1 (BBMX1C) | 2 | |
| | | | | | **2208.2—TACHOMETER, ADAPTERS AND DRIVE SHAFT** | | |
| | G197-6209787 | | B209787 | B209787 | ADAPTER, tachometer drive shaft | 1 | |
| | G104-5381430 | | A381430 | A381430 | ADAPTER, transmission input shaft tachometer drive oil tube | 1 | |
| | G197-6209787 | | B209787 (AC-1567471) (SW-649DA) | B209787 | ANGLE, joint, tachometer drive shaft | 1 | |
| H-12 | H012-1303010 | 22-1 | (CWR-200141) | | BEARING, ball (annular, single row, light series, .3937 bore, 1.1811 O.D., .3543 width) (tachometer drive shaft, front and rear) (CAAX1AE) | 2 | |
| | G104-2551743 | | B209770 | B209770 | BRACKET, transmission tachometer adapter sleeve, w/PLUG, assembly (used on transmission not equipped with generator mount) | 1 | |
| H-1 | H001-0116094 | | 223446 | | BOLT, hex-hd., s-fin., alloy-S., 5/8-11NC-2 x 4 1/2 (BANX2BR) | 2 | |
| H-1 | H001-1518013 | | 103325 | | WASHER, lock, reg., S., 5/8 (BECX1P) | 2 | |
| | G104-0100280 | 22-1 | A175210 (CWR-200664) | A175210 | BUSHING, tachometer drive shaft (al-bz., .483 bore, 1.94 long, thd., 7/8-18NS-2 x 7/8-14NS-2) | 2 | |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, lock, tachometer drive shaft bushing | as req. | |
| | G104-2556043 | | A381131 | A381131 | BUSHING, transmission tachometer adapter sleeve | 1 | |
| | | | A246135 (CWR-201434) | A246135 | CAP, tachometer drive gear bushing | 2 | |
| | G104-2563151 | | A381127 | A381127 | CAP, transmission tachometer drive shaft, w/SEAL, assembly | 1 | |
| H-1 | H001-0116059 | | 227660 | | BOLT, hex-hd., s-fin., alloy-S., 1/2-13NC-2 x 2 1/2 (BANX1EK) | 2 | |
| | | 22-1 | A165388 (CWR-200571) | A165388 | COVER, tachometer drive shaft housing | 1 | |
| | | 22-1 | A165166 AIR-AN502-10-8 | A165166 | SCREW, mach., fil-hd., alloy-S., cd-pltd., dld. f/lkg-wire., No. 10 (.190)-32NF-2 x 7/8 (tachometer drive shaft housing cover) | 6 | |
| | | | AIR-AN935-10 | | WASHER, lock, tachometer drive shaft housing cover screw | 6 | |
| | | | (CWR-200455) | | DRIVE, tachometer, assembly (Includes: BEARING, GEAR, KEY, NUT, PIN, SHAFT and SPACER) | 1 | |
| | G104-0100541 | | B167544 (CWR-200769) | B167544 | DRIVE, tachometer, assembly (Includes: BUSHING, CAP, COVER, GASKET, GEAR assembly, CWR-200767 and 200768, HOUSING, RETAINER, SCREWS, SHAFT assembly, CWR-200455, WASHERS and WIRE) | 1 | |
| H-2 | H002-0223050 | | CLDX5D | CLDX5 | FITTING, lubricating, stght., 1/4-18NPT (tachometer drive shaft joint) | 1 | |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | GASKET | CWR-200528 | 2208.2 |
| B | RETAINER | CWR-200365 | 2208.2 |
| C | HOUSING | CWR-200374 | 2208.2 |
| D | WASHER | AIR-AN960-416 | 2208.2 |
| E | NUT | AIR-AN-360-4 | 2208.2 |
| F | NUT | AIR-AN-356-428 | 2208.2 |
| G | NUT | CWR-200105 | 2208.2 |
| H | GEAR | CWR-200364 | 2208.2 |
| I | SPACER | CWR-200363 | 2208.2 |
| J | BEARING | CWR-200141 | 2208.2 |
| K | SHAFT | CWR-200362 | 2208.2 |
| L | GASKET | CWR-200372 | 2208.2 |
| M | COVER | CWR-200571 | 2208.2 |
| N | SCREW | AIR-AN-502-10-8 | 2208.2 |
| O | KEY | CWR-200118 | 2208.2 |
| P | PIN | AIR-AN-380-2-2 | 2208.2 |
| Q | GEAR, ass'y | CWR-200768 | 2208.2 |
| R | WASHER | CWR-200180 | 2208.2 |
| S | BUSHING | CWR-200664 | 2208.2 |
| T | GEAR, ass'y | CWR-200767 | 2208.2 |

RA PD 337828E

**FIGURE 22-1 — ENGINE TACHOMETER DRIVE HOUSING AND GEARS — EXPLODED VIEW**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-2688455 | | A345792A | A345792 | GASKET, bezel, instrument panel tachometer | 1 | |
| | | | A247183 (CWR-200961) | A247183 | GASKET, tachometer drive gear cap to bushing (also part of GASKET SET, G163-7005773) | 2 | |
| | G104-0100712 | 22-1 | A165367 (CWR-200528) | A165367 | GASKET, tachometer drive housing to rear section crankcase (vellumoid, $\frac{1}{32}$ thk.) (also part of GASKET SETS, G163-7005773 and G104-0100708) | 1 | |
| | G104-0100713 | 22-1 | A165271 (CWR-200372) | A165271 | GASKET, tachometer drive shaft housing cover (vellumoid, $\frac{1}{32}$ thk.) (also part of GASKET SETS, G163-7005773 and G104-0100708) | 1 | |
| | G104-0400792 | | A217378 | A217378 | GASKET, transmission tachometer driven gear bearing sleeve (hard paper .020 thk.) | 1 | |
| | G104-0100870 | 22-1 | B154500 (CWR-200364) | B154500 | GEAR, tachometer drive shaft | 1 | |
| | G104-0101350 | 22-1 | A165061 (CWR-200105) | A165061 | NUT, acorn, tachometer drive shaft gear (alloy-S., cd-pltd., $\frac{5}{16}$-24NF-2, special) | 1 | |
| | | 22-1 | AIR-AN380-2-2 | | PIN, cotter, tachometer drive shaft gear nut (C4 only) | 1 | |
| H-1 | H001-0811027 | | (CWR-200821) | | PIN, cotter, split, S., $\frac{1}{16}$ x $\frac{3}{4}$ (tachometer drive shaft gear nut) (superseded by PIN, H001-4417141) (BFAX1BE) (C1 only) | 4 | |
| H-1 | H001-4417141 | | (CWR-200818) | | PIN, cotter, split, S., cd-pltd., $\frac{1}{16}$ x $\frac{1}{2}$ (tachometer drive shaft gear nut) (supersedes PIN, H001-0811027) (BFAX1BE-1) (C1 only) | 4 | |
| | G104-0100832 | 22-1 | A171168 (CWR-200768) | A171168 | GEAR, tachometer drive, lower, assembly (L. H. groove) (Includes: GEAR, CWR-200350 and SLEEVE, CWR-200663) | 1 | |
| | G104-0100831 | 22-1 | A171167 (CWR-200767) | A171167 | GEAR, tachometer drive, upper, assembly (R. H. groove) (Includes: GEAR, CWR-200350 and SLEEVE, CWR-200662) | 1 | |
| | G104-2692402 | | B209827 | B209827 | GEAR, transmission tachometer driven, w/integral SHAFT (16 T.) | 1 | |
| | G104-0100941 | 22-1 | C66750 (CWR-200374) | C66750 | HOUSING, tachometer drive shaft | 1 | |
| | G104-0101310 | | A165058 (CWR-200101) | A165058 | NUT, tachometer drive housing to rear crankcase section stud (superseded by NUT, G104-0101309) (C1 only) | 3 | |
| | G104-0101309 | | A171092 (CWR-200102) | A171092 | NUT, tachometer drive housing to rear crankcase section stud (acorn, alloy-S., cd-pltd., $\frac{1}{4}$-28NF-2) (supersedes NUT, G104-0101310) (C1 only) | 3 | |
| | | 22-1 | AIR-AN360-4 | | NUT, tachometer drive housing to rear crankcase section stud (C4 only) | 3 | |
| | | 22-1 | AIR-356-428 | | NUT, lock, tachometer drive housing to rear crankcase section stud (C4 only) | 3 | |
| | | | (CWR-200212) | | STUD, tachometer drive housing to rear crankcase section, short (standard) (C4 only) | 2 | |
| | | | (CWR-200212-S) | | STUD, tachometer drive housing to rear crankcase section, short (.007 oversize) (C4 only) | 2 | |
| | | | (CWR-200212-H) | | STUD, tachometer drive housing to rear crankcase section, short (.003 oversize) (C4 only) | 2 | |
| | | | (CWR-200212-J) | | STUD, tachometer drive housing to rear crankcase section, short (.012 oversize) (C4 only) | 2 | |
| | | | (CWR-203318) | | STUD, tachometer drive housing to rear crankcase section, long (standard) (C4 only) | 1 | |
| | | | (CWR-203318-H) | | STUD, tachometer drive housing to rear crankcase section, long (.003 oversize) (C4 only) | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | (CWR-203318-S) | | STUD, tachometer drive housing to rear crankcase section, long (.007 oversize) . . . (C4 only) | 1 |
| | | | (CWR-203318-J) | | STUD, tachometer drive housing to rear crankcase section, long (.012 oversize) . . . (C4 only) | 1 |
| | | | A165187 (CWR-200247) | A165187 | STUD, tachometer drive housing to rear crankcase section, short (standard) (alloy-S., dld. f/lkg-wire., ¼-20NC (½) x 1⅛ x ¼-28NF (15/32) . . (C1 only) | 8 |
| | G104-0102830 | | A165187B (CWR-200247-H) | A165187 | STUD, tachometer drive housing to rear crankcase section, short (.003 oversize) . . . (C1 only) | as req. |
| | G104-0102840 | | A165187C (CWR-200247-S) | A165187 | STUD, tachometer drive housing to rear crankcase section, short (.007 oversize) . . . (C1 only) | as req. |
| | | | A165187D (CWR-200247-J) | A165187 | STUD, tachometer drive housing to rear crankcase section, short (.012 oversize) . . . (C1 only) | as req. |
| | | 01-10 | A165189 (CWR-200250) | A165189 | STUD, tachometer drive housing to rear crankcase section, long (standard) (alloy-S., dld. f/lkg-wire., ¼-20NC (9/16) x 1 15/16 x ¼-28NF (½) . . (C1 only) | 1 |
| | G104-0102870 | | A165189B (CWR-200250-H) | A165189 | STUD, tachometer drive housing to rear crankcase section, long (.003 oversize) . . . (C1 only) | as req. |
| | G104-0102880 | | A165189C (CWR-200250-S) | A165189 | STUD, tachometer drive housing to rear crankcase section, long (.007 oversize) . . . (C1 only) | as req. |
| | | | A165189D (CWR-200250-J) | A165189 | STUD, tachometer drive housing to rear crankcase section, long (.012 oversize) . . . (C1 only) | as req. |
| | | 22-1 | AIR-AN960-416 | | WASHER, tachometer drive housing to rear crankcase section stud . (C4 only) | 3 |
| | G104-0103310 | | A165105 (CWR-200152) | A165105 | WASHER, plain, tachometer drive housing to rear crankcase section stud (alloy-S., cd-pltd., 17/64 x ½ x 1/16) . . . (C1 only) | 3 |
| | G104-0103538 | | A171107 (CWR-200202) | A171107 | WIRE, locking, tachometer drive housing to rear crankcase section nut (chr-ni-S., .045 diam.) . . . (C1 only) | as req. |
| | G104-0101030 | 22-1 | A165074 (CWR-200118) | A165074 | KEY, Woodruff, tachometer drive shaft gear (alloy-S., .094 x .141 x 5/16) . . . | 1 |
| | G104-2861296 | | A381128 | A381128 | LOCK, transmission tachometer drive shaft . . . | 1 |
| | G104-2861295 | | A381126 | A381126 | LOCK, transmission tachometer drive shaft cap . . . | 1 |
| H-6 | H006-0282420 | | 501589 | | PLUG, expansion, S., ½ in. diam. (tachometer adapter sleeve bracket) (BEDX1AE) | 1 |
| | G104-0101820 | 22-1 | A165268 (CWR-200365) | A165268 | RETAINER, tachometer drive shaft bearing (1 5/16 O.D., .088 thk.) . . . | 1 |
| | G104-3068407 | | A381130 | A381130 | SEAL, transmission tachometer drive shaft . . . | 1 |
| | G104-2384644 | 06-25 | B200041E | B200041 | SHAFT, flexible, tachometer . . . | 1 |
| | G104-0102400 | 22-1 | B154499 (CWR-200362) | B154499 | SHAFT, tachometer drive (15 T., 4 5/16 long) . . . | 1 |
| | G104-3072010 | | A381113 | A381113 | SHAFT, transmission tachometer drive (9 11/16 in. long) . . . | 1 |
| | G104-0401883 | | B141506 | B141506 | SLEEVE, bearing, transmission tachometer driven gear . . . | 1 |
| H-1 | H001-0116013 | | 227457 | | BOLT, hex-hd., s-fin., alloy-S., 5/16-18NC-2 x ¾ (BANX1BA) . . . | 2 |
| H-1 | H001-1518008 | | 103320 | | WASHER, lock, reg., S., 5/16 (BECX1H) . . . | 2 |
| | G104-3077000 | 07-1 | A381114 | A381114 | SLEEVE, transmission tachometer adapter, w/BUSHING, assembly . . . | 1 |
| | G104-0102630 | 22-1 | A165267 (CWR-200363) | A165267 | SPACER, tachometer drive shaft bearing (25/64 I.D. x 9/16 O.D. x ⅝ long) . . . | 1 |
| | | 06-22,23 | 6208456 | | TACHOMETER, w/CLAMP, assembly . . . | 1 |
| H-1 | H001-0716610 | | 103088 | | NUT, mach. screw, hex., S., No. 10 (.190)-32NF-1 (BBMX1C) . . . | 2 |
| | G104-0103460 | 22-1 | A165126 (CWR-200180) | A165126 | WASHER, tachometer drive shaft housing (oil resisting, ⅞ I.D. x 1⅛ O.D. x 1/32 thk.) (also part of GASKET SETS, G104-0100708 and G163-7005773) . . . | 2 |

## 2209.1—AZIMUTH INDICATOR AND PARTS

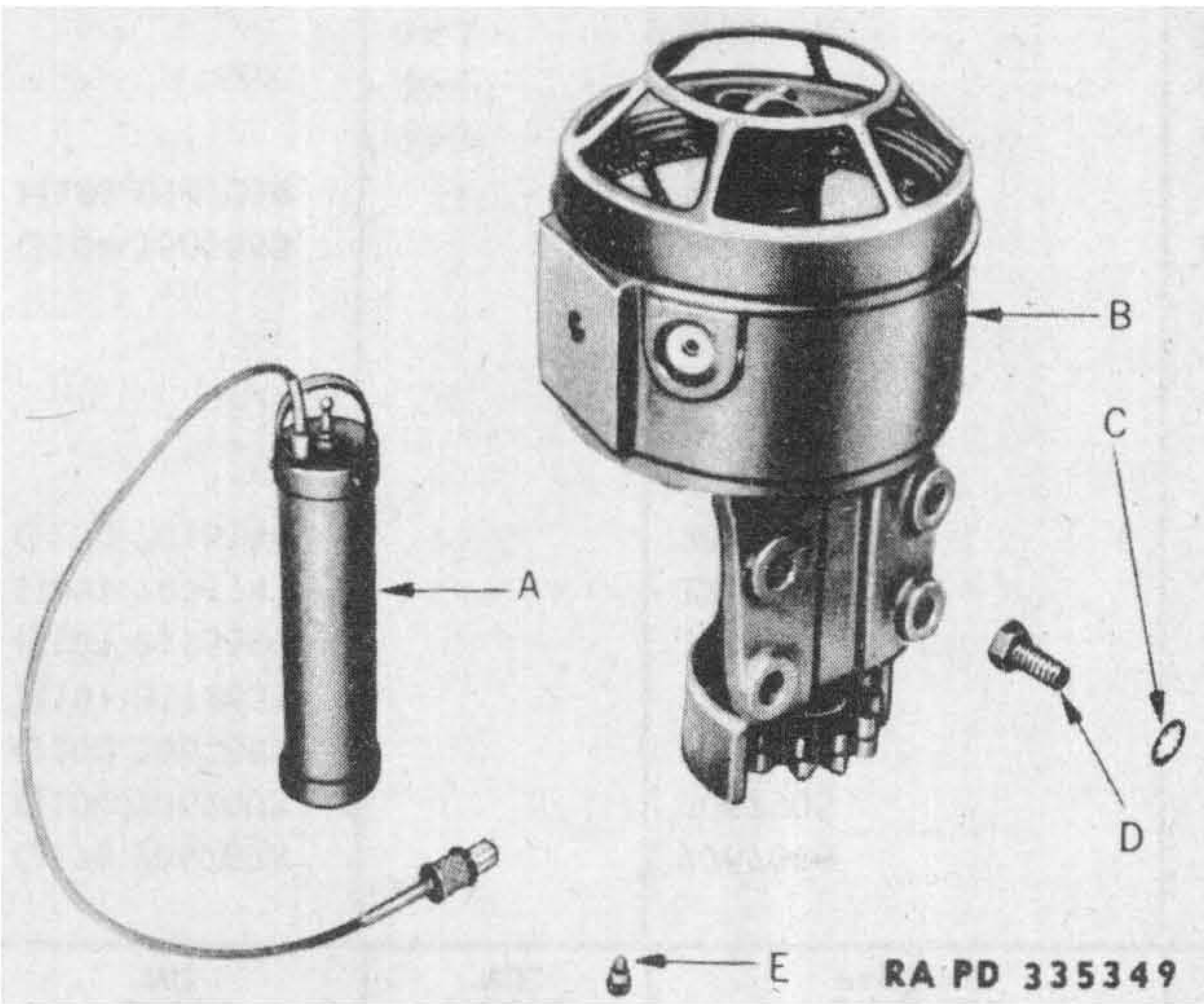
| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-7068097 | | 7068097 | | BELLOWS, azimuth indicator . . . | 1 |

*(Cont.)*

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| H-1 | H101-0140732 | | 140732 | | SCREW, mach., rd-hd., S. (Ni bright) No. 2-56NC-2 x ½ | 4 | |
| | G104-7068065 | | 7068065 | | BODY, azimuth indicator dial | 1 | |
| H-1 | H001-1028034 | | 117625 | | SCREW, mach., rd-hd., br., No. 4-40NC-2 x 1½ (BCNX3CQ) | 4 | |
| | G104-7068069 | | 7068069 | | CLAMP, azimuth indicator dial window | 1 | |
| | G104-7068073 | | 7068073 | | CUP, azimuth indicator bellows | 1 | |
| | G104-7068079 | | 7068079 | | DIAL, azimuth indicator, assembly | 1 | |
| H-1 | H101-0119363 | | 119363 | | SCREW, set, hdls., cup-pt., S., No. 10-32NF-3 x ⅜ | 6 | |
| | G104-7068071 | | 7068071 | | DIAL, gunner's aid, azimuth indicator | 1 | |
| H-1 | H001-1026036 | | 224933 | | SCREW, mach., fil-hd., S., No. 5-40NC-2 x 3/16 (BCFX1DB) | 3 | |
| H-2 | H002-504208 | | 504208 | | FITTING, lubricating, stght., ⅛-27NPT | 1 | |
| | G104-7067484 | | 7067484 | | FLANGE, resetter, azimuth indicator, assembly | 1 | |
| | G104-5345719 | | A345719 | A345719 | GASKET, azimuth indicator body | 1 | |
| | G104-5345722 | | A345722 | A345722 | GASKET, azimuth indicator window nut | 2 | |
| | | 22-2 | D78232C-4 | D78232 | INDICATOR, azimuth, turret, assembly (superseded by INDICATOR, 7068178) | 1 | |
| H-1 | H001-0116650 | 22-2 | 223980 | | BOLT, hex-hd., s-fin., alloy-S., ½-20NF-2 x 1⅛ (BAOX4EC) | 4 | |
| H-1 | H001-1518011 | 22-2 | 103323 | | WASHER, lock, reg., S., ½ (BECX1M) | 4 | |
| | | 19-1 | 7068178 | | INDICATOR, azimuth, turret, assembly (supersedes INDICATOR, D78232C-4) | 1 | |
| | | | 224051 | | BOLT, hex-hd., s-fin., alloy-S., cd-pltd., ½-20NF-2 x 1⅛ (BAOX4EC-1) | 4 | |
| H-1 | H001-1518011 | | 103323 | | WASHER, lock, reg., S., ½ (BECX1M) | 4 | |
| | M001-0107264 | 22-2 | A346508 | A346508 | LAMP, electric, incand., min., 3 V., No. 323 (turret azimuth indicator) | 2 | |
| | | 22-2 | D78454 | D78454 | LIGHT, turret azimuth indicator, assembly (Includes: CABLE) | 1 | |
| | | | 7016056 | | SHIM, laminated, azimuth indicator bolt | 4 | |
| | G104-7068063 | | 7068063 | | POINTER (1 Mil), azimuth indicator | 1 | |
| | G104-7068061 | | 7068061 | | POINTER (100 Mil), azimuth indicator | 1 | |
| | G104-7068074 | | 7068074 | | RING, azimuth indicator bellows, top | 1 | |
| | G104-7068072 | | 7068072 | | RING, hold-down, azimuth indicator bellows | 1 | |
| | G104-7068070 | | 7068070 | | SEAL, azimuth indicator knob | 1 | |
| | G104-7068048 | | 7068048 | | SPRING, tension, gunner's aid, azimuth indicator | 1 | |
| | | | | | **2209.2—COMPASS (HULL COMPASS assembly—C121174A and TURRET COMPASS assembly—B243760 used on Vehicles Serial No. 1 through 2461)** | | |
| | | | C100705 | C100705 | BRACKET, mounting, hull compass | 1 | |
| H-1 | H001-1028755 | | 422746 | | SCREW, mach., rd-hd., br., ¼-28NF-2 x ¾ (BCOX2.1CH) | 4 | |
| H-1 | H001-7022740 | | 228834 | | WASHER, lock, internal teeth, reg., p-bz., ¼ (BEAX1AK) | 4 | |
| | G104-1525914 | | A265455 | A265455 | BRACKET, turret compass mount (universal) | 1 | |
| H-1 | H001-0725250 | | 503342 | | NUT, safety, br., ¼-28NF-3 (BBSX4M) | 1 | |
| H-1 | H001-1028757 | | 422748 | | SCREW, mach., rd-hd., br., ¼-28NF-2 x 1 (BCOX2.1CL) | 1 | |
| | | | A297222 | A297222 | CLIP, hull compass mounting bracket to support | 4 | |
| H-1 | H001-1013242 | | 216311 | | SCREW, cap, hex-hd., S., ⅜-24NF-2 x ½ (BCBX5E) | 2 | |
| H-1 | H001-1013243 | | 215956 | | SCREW, cap, hex-hd., S., ⅜-24NF-2 x ¾ (BCBX1CA) | 2 | |
| H-1 | H001-1519011 | | 115549 | | WASHER, lock, internal teeth, reg., S., ⅜ (BEAX1L) | 4 | |
| | G104-1539833 | | C121174A | C121174 | COMPASS, hull, assembly | 1 | |

| | | | | | |
|---|---|---|---|---|---|
| H-1 | H001-0725250 | 503342 | | NUT, safety, br., 1/4-28NF-3 (BBSX4M) | 1 |
| H-1 | H001-1028754 | 192191 | | SCREW, mach., rd-hd., br , 1/4-28NF-2 x 5/8 (BCOX2.1CG) | 1 |
| | M001-0107264 | A346508 | A346508 | LAMP, hull compass | 1 |
| | G104-2283865 | A265454 | A265454 | LUG, turret compass mount (universal) | 1 |
| | | D78219 | D78219 | MOUNT, hull compass, assembly (Includes: BRACKET, CLIP and SUPPORTS) | 1 |
| | G104-0301468 | B243763 | B243763 | MOUNT, turret compass, assembly (universal) (Includes: BRACKET, NUTS and SCREWS) | 1 |
| | G104-3068350 | A326404 | A326404 | SCREWDRIVER, hull compass (special, furnished with compass) | 1 |
| | G104-2576013 | A326405 | A326405 | CLIP, hull compass screwdriver | 2 |
| H-1 | H001-1028552 | 216316 | | SCREW, mach., rd-hd., br., No. 6 (.138)-40NF-2 x 1/4 (BCOX2.2EC) | 2 |
| H-1 | H001-1519004 | 115543 | | WASHER, lock, internal teeth, reg., S., No. 6 (.138) (BEAX1D) | 2 |
| | G163-0392745 | B209241 | B209241 | SUPPORT, hull compass to mounting bracket | 1 |
| H-1 | H001-1028753 | 192190 | | SCREW, mach., rd-hd., br., 1/4-28NF-2 x 1/2 (BCOX2.1CF) | 4 |
| H-1 | H001-7022740 | 228834 | | WASHER, lock, internal teeth, p-bz., 1/4 (BEAX1AK) | 4 |
| | | B208992 | B208992 | SUPPORT, hull compass to mounting bracket clip | 2 |
| H-1 | H001-1028813 | 422777 | | SCREW, mach., rd-hd., br., 3/8-24NF-2 x 7/8 (BCOX2.1EK) | 2 |
| H-1 | H001-7022780 | 228847 | | WASHER, lock, internal teeth, reg., p-bz., 3/8 (BEAX1AM) | 2 |
| | | | | **(Commander's Cupola Compass, assembly—7067878 used on Vehicles Serial No. 2462 and up)** | |
| | G232-7069717 | 7069717 | | BRACKET, shock, commander's cupola compass mount (front) | 1 |
| | G232-7069716 | 7069716 | | BRACKET, shock, commander's cupola compass mount (rear) | 1 |
| | G103-1539704 | B243760 | B243760 | COMPASS, turret, assembly (universal) | 1 |






| Key | Item | Part Number | Group |
|---|---|---|---|
| A | LIGHT, ass'y | D78454 | 2209.1 |
| B | INDICATOR, ass'y | D78232C-4 | 2209.1 |
| C | WASHER | 103323 | 2209.1 |
| D | BOLT | 223980 | 2209.1 |
| E | LAMP | A346508 | 2209.1 |

RA PD 335349C

**FIGURE 22-2 — TURRET AZIMUTH INDICATOR ASSEMBLY, D78232C-4**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G176-7067878 | | 7067878 | | COMPASS, assembly (mounted in turret on commander's cupola) | 1 | |
| | G104-7067903 | | 7067903 | | SCREW, cupola compass | 2 | |
| | G200-7067897 | | 7067897 | | MOUNT, commander's cupola compass | 1 | |
| H-1 | H101-0174635 | | 174635 | | BOLT, hex-hd., br., ¼-20NF-3 x 5/16 | 2 | |
| H-1 | H101-0123190 | | 123190 | | NUT, light, hex., s-fin., br., ¼-20NC-3 (BBTX2AA) | 2 | |
| H-1 | H001-7021741 | | 120423 | | WASHER, lock, internal teeth, reg., S., cd-pltd., ¼ (BEAX1H-1) | 2 | |
| | G232-7016144 | | 7016144 | | PLUG, commander's cupola compass | 1 | |

## GROUP 24 — FIRE EXTINGUISHER

### 2401—PORTABLE AND STATIONARY FIRE EXTINGUISHER SYSTEMS

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1501855 | | A227606 | A227606 | ADAPTER, stationary fire extinguisher, pull handle control | 2 | |
| H-1 | H101-0147518 | | 147518 | | NUT, lock, S., ⅝-18NF (BBSX6U) | 2 | |
| | | 24-1 | A297340 | A297340 | BASE, stationary fire extinguisher cylinder | 1 | |
| | | 24-1 | C96842A | C96842 | BOX, stationary fire extinguisher remote control, assembly | 1 | |
| | | 24-1 | B200340 | B200340 | BRACKET, stationary fire extinguisher dual control, assembly | 1 | |
| | G104-0300785 | 24-1 | B170655 | B170655 | BRACKET, supporting, stationary fire extinguisher, left and right center nozzle to bulkhead | 2 | |
| | G104-2382199 | | A297091 | A297091 | SCREW, stationary fire extinguisher supporting bracket | 2 | |
| H-1 | H001-1518009 | | 103321 | | WASHER, lock, reg., S., ⅜ in. (BECX1K) | 2 | |
| | | 24-1 | B210355 | B210355 | BRACKET, supporting, stationary fire extinguisher, left and right front nozzle to bulkhead | 2 | |
| H-1 | H001-0725660 | 24-1 | 503350 | | NUT, safety, S., ⅜-24NF-3 (BBSX4AC) | 8 | |
| H-1 | H001-1013244 | 24-1 | 215957 | | SCREW, cap, hex-hd., ⅜-24NF-2 x ⅞ (BCBX1CB) | 8 | |
| H-1 | H001-1530009 | | 103341 | | WASHER, plain, S., SAE std., ⅜ (BEBX1K) | 8 | |
| | | | B210341 | B210341 | BRACKET, supporting, stationary fire extinguisher, left and right rear nozzle to bulkhead | 2 | |
| | G104-1538119 | 24-1 | A227614 | A227614 | CLIP, stationary fire extinguisher dual control mechanism conduit to bulkhead | 4 | |
| H-1 | H001-1030582 | | 112872 | | SCREW, mach., rd-hd., S., No. 10 (.190)-32NF-2 x 5/16 (BCOX1.1AC) | 4 | |
| H-1 | H001-1519007 | | 115545 | | WASHER, lock, internal teeth, reg., S., No. 10 (.190) & 3/16 (BEAX1F) | 4 | |
| | G104-1538117 | 24-1 | A227611 | A227611 | CLIP, stationary fire extinguisher, dual control mechanism to bulkhead bracket | 2 | |
| H-1 | H001-0725640 | | 503338 | | NUT, safety, S., ¼-28NF-3 (BBSX4AA) | 2 | |
| H-1 | H001-1030464 | | 174915 | | SCREW, machine, rd-hd., S., ¼-28NF-2 x ⅝ (BCOX1.1CG) | 2 | |
| | | | A265352A | A265352 | CLIP, stationary fire extinguisher tube to hull | 7 | |
| H-1 | H001-1029039 | | 503888 | | SCREW, mach. rd-hd., corr-res-S., No. 10 (.190)-32NF-3 x ½ (BCOXEG) | 7 | |
| H-1 | H001-1519007 | | 115545 | | WASHER, lock, internal teeth, reg., S., No. 10 (.190) & 3/16 (BEAX1F) | 7 | |
| | G104-0301382 | 24-1 | A203509 | A203509 | CLIP, stationary fire extinguisher vertical tube to hull | 2 | |
| H-1 | H001-1013001 | | 193982 | | SCREW, cap, hex-hd., S., ¼-20NC-2 x ½ (BCAX3A) | 2 | |
| H-1 | H001-1519009 | | 115547 | | WASHER, lock, internal teeth, reg., S., ¼ in. (BEAX1H) | 2 | |
| H-6 | H006-0213550 | 24-1 | 118752 | | CONNECTOR, flared tube, ½ in., ⅜ in. male pipe end (without nuts) (stationary fire extinguisher left and right front and rear nozzle to tube) (CNAX2AG) | 4 | |
| H-6 | H006-0213530 | 24-1 | 118748 | | CONNECTOR, flared tube, ¼ in., ⅛ in. male pipe end (without nut) (stationary fire extinguisher check valve to cylinder tube) (CNAX2AC) | 2 | |
| | G212-7008930 | 24-1 | A382631B | A382631 | CONNECTOR, stationary fire extinguisher front cylinder to check valve | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G212-5382631 | 24-1 | A382631A | A382631 | CONNECTOR, stationary fire extinguisher rear cylinder to check valve | 1 |
| | G104-2139986 | 24-1 | B183342B | B183342 | CONTROL, remote, stationary fire extinguisher, front cylinder | 1 |
| | | 24-1 | B183342D | B183342 | CONTROL, remote, stationary fire extinguisher, rear cylinder | 2 |
| | G104-0301022 | 24-1 | A191212 | A191212 | COUPLING, stationary fire extinguisher left and right front tee to nozzle | 21 |
| | K002-0200140 | 24-1 | B183325 | B183325 | CYLINDER, stationary fire extinguisher, w/VALVE, assembly | 2 |
| | G103-0301335 | 24-1 | A213831 | A213831 | ELBOW, stationary fire extinguisher, main supply tube to bulkhead tee | 2 |
| H-6 | H006-0264044 | 24-1 | B7269C | B7269 | ELBOW, stationary fire extinguisher right and left, front and rear nozzles | 4 |
| | G212-6537127 | | D37127 | D37127 | EXTINGUISHER, fire, portable type, assembly ($CO^2$ 4 lb. pressure) | 2 |
| | | 24-1 | A227605D | A227605 | HANDLE, pull, stationary fire extinguisher control, w/CABLE, assembly | 2 |
| | G104-0303938 | 24-1 | B183542 | B183542 | MECHANISM, dual control, stationary fire extinguisher, assembly | 1 |
| H-6 | H006-0270015 | | 120285 | | NIPPLE, pipe, br., std., close, 3/8 x 1 (stationary fire extinguisher left and right, front and rear nozzle to tube) (CPNX2CC) | 2 |
| | G104-0304140 | 24-1 | B183323 | B183323 | NOZZLE, shielded, stationary fire extinguisher, left and right rear | 2 |
| | G103-0302475 | 24-1 | B183326 | B183326 | NOZZLE, stationary fire extinguisher, left and right, front and center | 4 |
| H-1 | H001-1013030 | | 193999 | | SCREW, cap, hex-hd., S., 3/8-16NC-2 x 3/4 (BCAX1CA) | 12 |
| H-1 | H001-1518009 | | 103321 | | WASHER, lock, reg., S., 3/8 in. (BECX1K) | 12 |
| H-6 | H006-0230435 | | 120141 | | NUT, flared tube fitting, short, 1/2 in. (stationary fire extinguisher) (CNAX5BG) | 19 |
| H-6 | H006-0230445 | | 144309 | | NUT, flared tube fitting, short, 3/4 in. (stationary fire extinguisher) (CNAX5BK) | 8 |
| | G104-0305267 | 24-1 | A222874 | A222874 | PULLEY, stationary fire extinguisher dual control mechanism, assembly | 2 |
| | | 24-1 | C135772 | C135772 | SUPPORT, stationary fire extinguisher cylinder, assembly | 1 |
| H-6 | H006-0233850 | 24-1 | 118809 | | TEE, flared tube, 1/2 in. (without nuts) (right and left center nozzle tube and right and left vertical tube) (CNAX4AG) | 4 |
| H-6 | H006-0233860 | | 110294 | | TEE, flared tube, 3/4 in. (without nuts) (stationary fire extinguisher main supply tube at bulkhead) (CNAX4AK) | 1 |
| | | 24-1 | B210374 | B210374 | TEE, stationary fire extinguisher left and right front nozzle | 2 |
| | | | B210359D | B210359 | TUBE, stationary fire extinguisher bulkhead elbow to bulkhead tee (steel, WD1010, 3/4 O.D. x .049 wall x 2 1/2 long) | 1 |
| | | | B210371 | B210371 | TUBE, stationary fire extinguisher bulkhead to left and right front nozzle tee (steel, WD1010, 3/4 O.D. x .049 x 16 5/16 long) | 1 |
| | | | C135773 | C135773 | TUBE, stationary fire extinguisher check valve to bulkhead elbow (steel, WD1010, 3/4 O.D. x .049 wall x 55 1/2 long) | 1 |
| | | 24-1 | B210358 | B210358 | TUBE, stationary fire extinguisher left center nozzle tee to left rear nozzle (copper, half hard, 1/2 O.D. x .049 wall x 23 9/16 long) | 1 |
| | | 24-1 | B210369 | B210369 | TUBE, stationary fire extinguisher, left vertical (steel, WD1010, 1/2 O.D. x .035 wall x 27 1/16 long) | 1 |
| | | 24-1 | B210359A | B210359 | TUBE, stationary fire extinguisher right center nozzle to tee (steel, WD1010, 1/2 O.D. x .035 wall x 2 1/4 long) | 1 |
| | | 24-1 | B210372 | B210372 | TUBE, stationary fire extinguisher right front nozzle tee to right vertical tube tee (copper, half hard, 1/2 O.D. x .049 wall x 22 3/8 long) | 1 |
| | | | A227622 | A227622 | TUBE, stationary fire extinguisher, right vertical (steel, WD1010, 1/2 O.D. x .035 x 12 5/16 long) | 1 |
| | | 24-1 | B210370 | B210370 | TUBE, stationary fire extinguisher left center nozzle tee to left center nozzle (copper, half hard, 1/2 O.D. x .049 wall x 22 13/32 long) | 1 |
| | | 24-1 | B210376 | B210376 | TUBE, stationary fire extinguisher left front nozzle tee to left vertical tube tee (copper, half hard, 1/2 O.D. x .049 wall x 22 3/8 long) | 1 |
| | | 24-1 | B210359C | B210359 | TUBE, stationary fire extinguisher left vertical tube tee to left center nozzle tee (steel, WD1010, 1/2 O.D. x .035 wall x 13 3/4 long) | 1 |
| | | 24-1 | B210368 | B210368 | TUBE, stationary fire extinguisher right center nozzle to tee (copper, half hard, 1/2 O.D. x .049 wall x 30 5/8 long) | 1 |
| | G104-0307645 | 24-1 | B183324 | B183324 | VALVE, check, stationary fire extinguisher between main supply tube and cylinders | 1 |

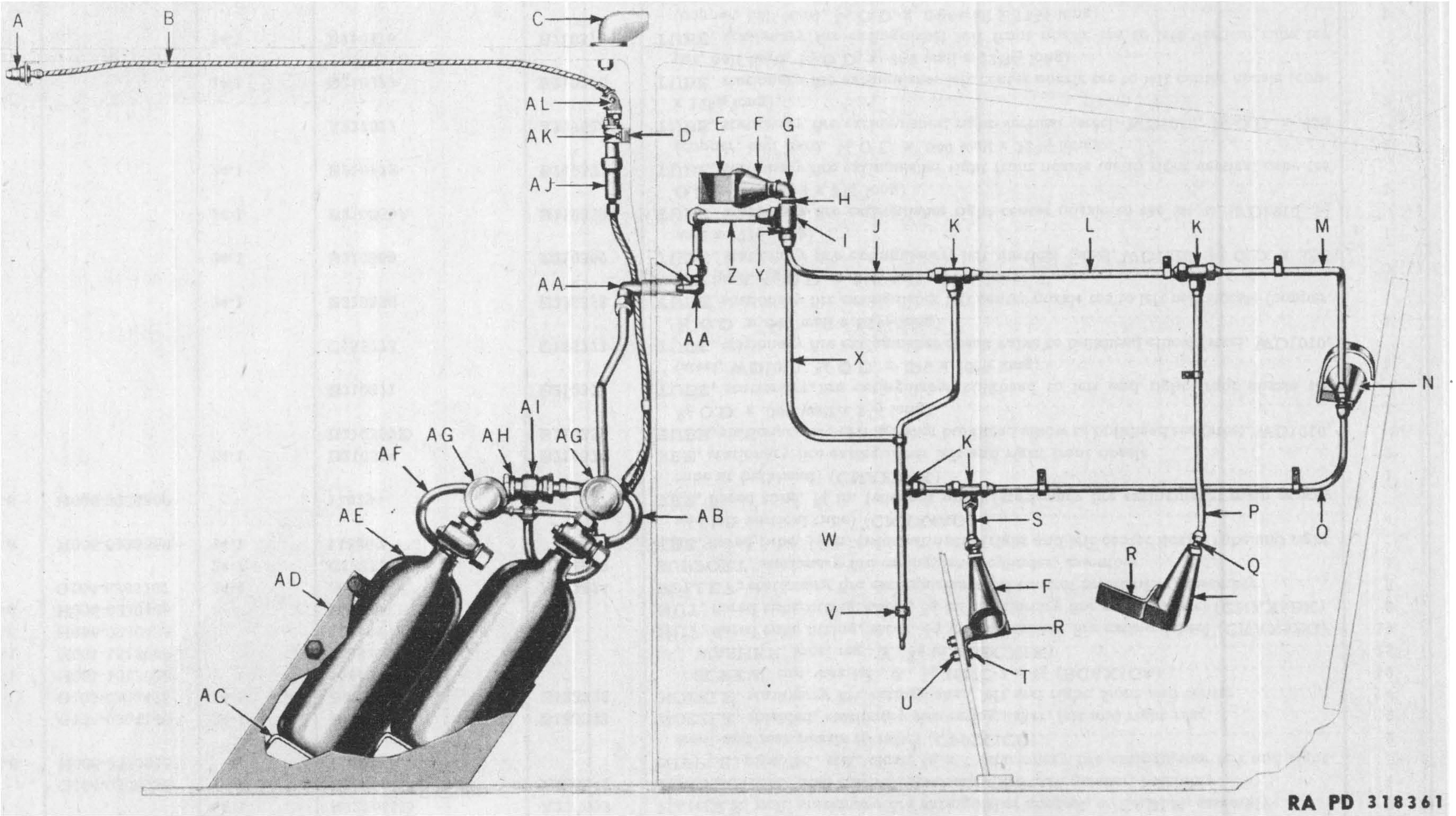
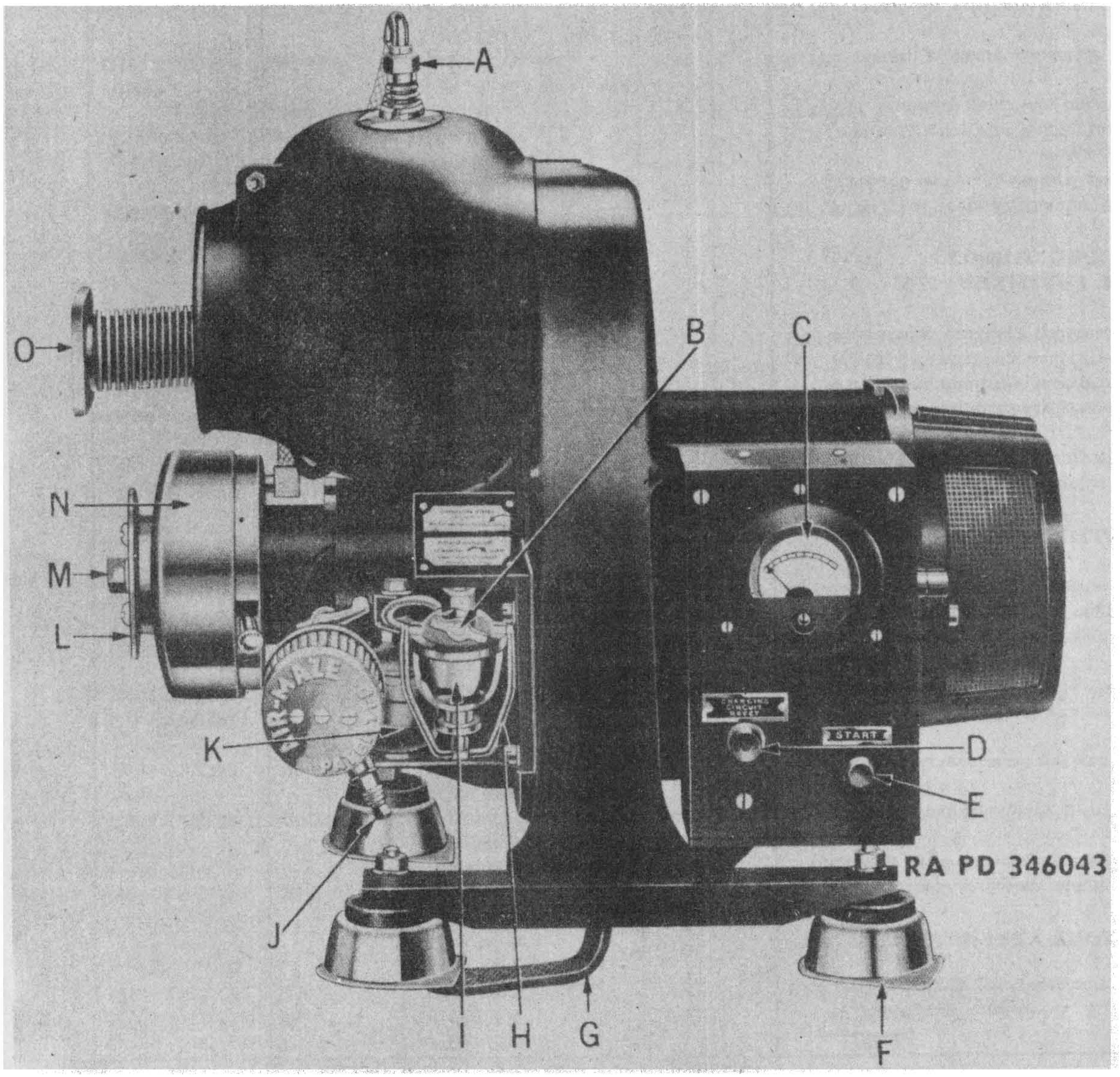



**FIGURE 24-1 — STATIONARY FIRE EXTINGUISHER SYSTEM**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | HANDLE, ass'y | A227605D | 2401 |
| B | CLIP | A227614 | 2401 |
| C | BOX, ass'y | C96842A | 2401 |
| D | BRACKET | B200340 | 2401 |
| E | BRACKET | B210355 | 2401 |
| F | NOZZLE | B183326 | 2401 |
| G | ELBOW | B7269C | 2401 |
| H | COUPLING | A191212 | 2401 |
| I | TEE | B210374 | 2401 |
| J | TUBE | B210376 | 2401 |
| K | TEE | 118809 | 2401 |
| L | TUBE | B210359C | 2401 |
| M | TUBE | B210358 | 2401 |
| N | NOZZLE | B183323 | 2401 |
| O | TUBE | B210368 | 2401 |
| P | TUBE | B210370 | 2401 |
| Q | ELBOW | B7269C | 2401 |
| R | BRACKET | B170655 | 2401 |
| S | TUBE | B210359A | 2401 |
| T | SCREW | 215957 | 2401 |
| U | NUT | 503350 | 2401 |
| V | CLIP | A213509 | 2401 |
| W | TUBE | B210369 | 2401 |
| X | TUBE | B210372 | 2401 |
| Y | CONNECTOR | 118752 | 2401 |
| Z | TUBE | B210376 | 2401 |
| AA | ELBOW | A213831 | 2401 |
| AB | CONNECTOR, ass'y | A328631A | 2401 |
| AC | BASE | B297340 | 2401 |
| AD | SUPPORT | C135772 | 2401 |
| AE | CYLINDER, ass'y | B183325 | 2401 |
| AF | CONNECTOR, ass'y | A328631B | 2401 |
| AG | CONTROL | B183342B | 2401 |
| AH | UNION | 118748 | 2401 |
| AI | VALVE, ass'y | B183324 | 2401 |
| AJ | MECHANISM | B183542 | 2401 |
| AK | CLIP | A227611 | 2401 |
| AL | PULLEY | A222874 | 2401 |

RA PD 318361C

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | **2900—AUXILIARY GENERATOR AND ENGINE ASSEMBLY** | | |
| | G104-1586550 | 29-1,2 | (HL-19902) | | FOOT, auxiliary generator mounting support | 4 | |
| H-1 | H001-0121041 | 29-2 | 109187 (HL-82008) | | BOLT, sq-hd., unfin., S., ⅜-16NC-1 x 2 (BAAX1CE) | 4 | |
| | G118-0314832 | 29-2 | (HL-81025) | | NUT, auxiliary generator mounting support foot (hex., ⅜-16NC) | 4 | |
| | | 29-2 | (HL-81033) | | NUT, auxiliary generator mounting support foot (sq., ⅜-16NC) | 4 | |
| | G118-0443139 | 29-2 | (HL-83018) | | WASHER, lock, auxiliary generator mounting support foot (⅜ in.) | 8 | |
| | G104-6580491 | 29-1 | D80491 (HL-HRUH-28) | D80491 | GENERATOR, auxiliary, w/ENGINE, assembly (Includes: control BOX and MAGNETO) | 1 | |
| H-1 | H001-0725640 | | 503376 | | NUT, safety, S., ¼-28NF-3 (to flywheel housing) (BBWX1AA) | 8 | |
| H-1 | H001-1013212 | | 216253 | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ½ (generator to sponson plate (8), generator to flywheel housing (4) (BCBX5B) | 12 | |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., ¼ in. (generator to sponson plate (8), generator to flywheel housing (4) (BECX1G) | 12 | |
| | | 29-2 | (HL-25435) | | SUPPORT, mounting, auxiliary generator, left | 1 | |
| | | 29-2 | (HL-25433) | | SUPPORT, mounting, auxiliary generator, right | 1 | |
| | G118-0443139 | | (HL-83018) | | WASHER, lock, auxiliary generator mounting support to housing (⅜ in.) | 3 | |
| | | | | | **2911—AUXILIARY ENGINE CRANKCASE, BARREL, CYLINDER BLOCK AND HEAD** | | |
| | G104-2563090 | 29-3 | (HL-19899-1) | | CAP, auxiliary generator engine cylinder shield | 1 | |
| | G104-2131556 | | (HL-AA-492) | | CAP, auxiliary generator engine cylinder shield, w/SPRING, assembly | 1 | |
| | G104-1541455 | 29-3 | (HL-CC-19856) | | CRANKCASE, auxiliary generator engine | 1 | |
| | G183-7005726 | 29-3 | 7005726 (HL-25412) | | NUT, crankcase to cylinder (¼ I.D.) | 4 | |
| H-1 | H001-1026125 | 29-3 | 114354 | | SCREW, mach., oval-fil-hd., S., ¼-20NC-2 x ⅝ (BCFX2DG) | 13 | |
| | G183-7001244 | 29-3 | 7001244 (HL-25411) | | STUD, crankcase to cylinder (¼ diam.) | 4 | |
| | G183-7001246 | | 7001246 (HL-83042) | | WASHER, crankcase to cylinder (¼ in.) | 4 | |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., ¼ in. (BECX1G) | 13 | |
| | G104-1545604 | 29-3 | (HL-AA-349) | | CYLINDER, auxiliary generator engine, w/LINER, assembly | 1 | |
| | G163-7005726 | | (HL-25412) | | NUT, cylinder to crankcase | 4 | |
| | G118-0443137 | | (HL-83009) | | WASHER, lock, cylinder to shield (2), cylinder to crankcase (4) (cd-pltd., S., ¼ in.) | 6 | |
| | G104-0100678 | 29-3 | A245677 (HL-19427A) | A245677 | GASKET, auxiliary generator engine cylinder | 1 | |
| | G104-0100669 | 29-3 | A245682 (HL-40203) | A245682 | GASKET, sealing, auxiliary generator engine crankcase | 1 | |
| | | 29-3 | (HL-25833) | | SHIELD, auxiliary generator engine cylinder, left | 1 | |
| | | 29-1 | (HL-25834) | | SHIELD, auxiliary generator engine cylinder, right | 1 | |
| | G118-0314831 | 29-1,3 | (HL-81013) | | NUT, auxiliary generator engine cylinder shield (hex., ¼-20NC) *(Cont.)* | 2 | |

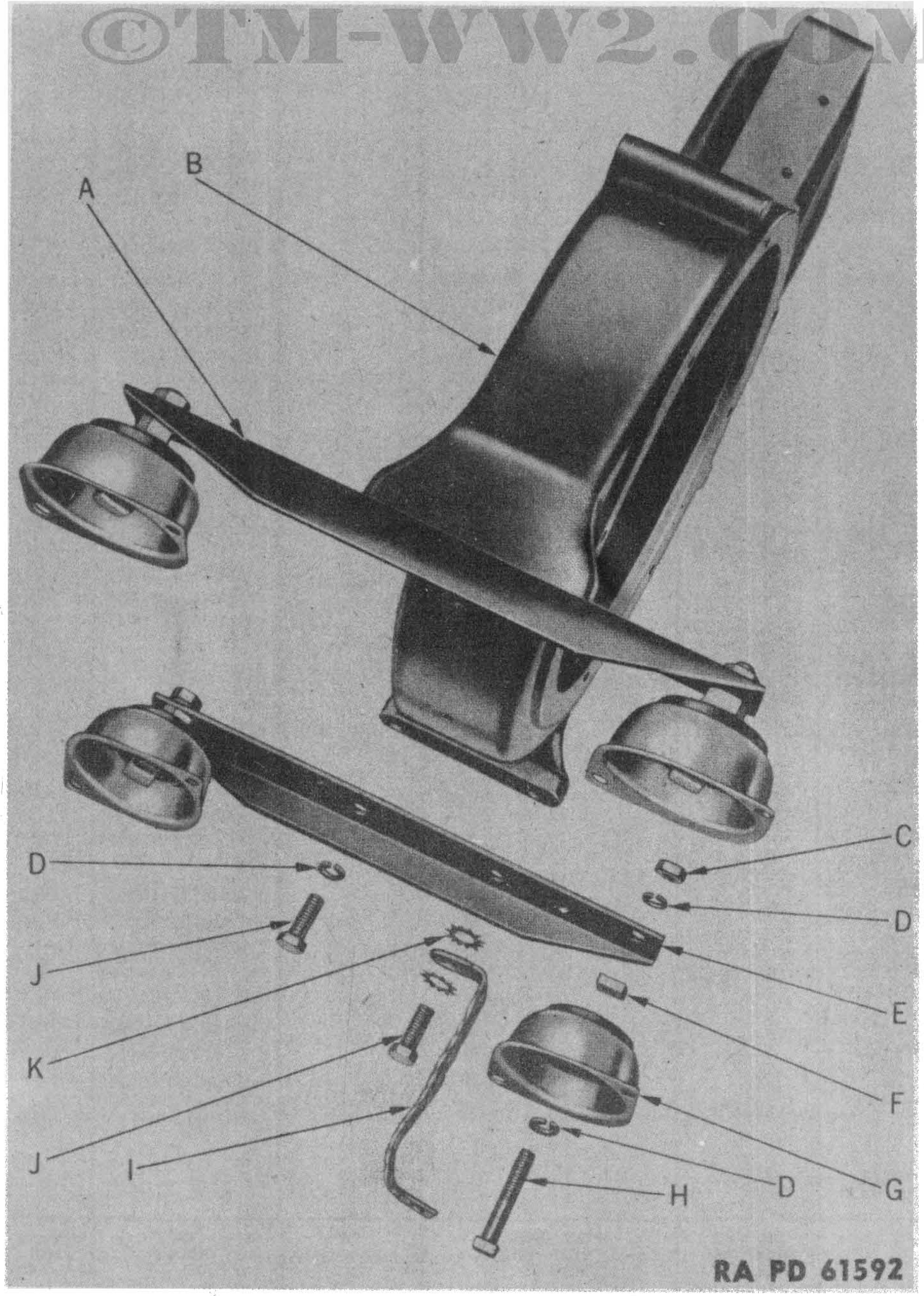



| Key | Item | Part Number | Group |
|---|---|---|---|
| A | PLUG ...... | CP-HO-14S .. | 2965 |
| B | COCK ..... | TL-6146 ..... | 2939 |
| C | AMMETER, ass'y ..... | HL-19988-1 .. | 2967 |
| D | BREAKER, ass'y ..... | WCE-X-3215 . | 2964.1 |
| E | BUTTON .... | HL-S-844 .... | 2967 |
| F | FOOT ...... | HL-19902 .... | 2900 |
| G | STRAP ...... | HL-S-637-1 .. | 2967 |
| H | CLAMP ..... | TL-OW-447 .. | 2937 |
| I | BOWL ...... | TL-LW-363 ... | 2937 |
| J | SCREW ..... | TL-3738 ..... | 2931 |
| K | BODY ...... | TL-6440 ..... | 2931 |
| L | PLATE ...... | WCE-4664 ... | 2964.1 |
| M | NUT ....... | WCE-4666 ... | 2964.1 |
| N | ROTOR, ass'y | WCE-X-4659 . | 2964.1 |
| O | COUPLING, ass'y ..... | HL-19870 .... | 2941 |
| P | SHIELD ..... | HL-25834 .... | 2911 |
| Q | SCREW ..... | BCCX1AS ... | 2911 |
| R | NUT ........ | HL-81013 .... | 2911 |

RA PD 346043A

FIGURE 29-1 — AUXILIARY GENERATOR ASSEMBLY

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| H-1 | H001-1017002 | 29-1 | BCCX1AS | BCCX1 | SCREW, cap, oval-fil-hd., S., ¼-20NC-2 x ½ | 2 | |
| | G104-3082356 | 29-3 | (HL-25162) | | SPRING, auxiliary generator engine cylinder shield | 1 | |
| | | | | | **2912—AUXILIARY ENGINE CRANKSHAFT AND BEARINGS** | | |
| H-12 | H012-1341030 | 29-3 | 700950 (HL-19233) (ND-47306) | | BEARING, ball (annular, single row, 1.1811 bore, 2.8346 O.D., .7480 width) (auxiliary generator engine crankshaft) (CAKX3KG) | 1 | |
| | G104-0503565 | 29-3 | A245674 (HL-19238) | A245674 | SCREW, cap, auxiliary generator engine crankshaft bearing (special-hd., S., ¼-20NC-2 x ⅝) | 2 | |
| | G183-7001247 | 29-3 | 7001247 (HL-83041) | | WASHER, lock, auxiliary generator engine crankshaft bearing (reg., S., ¼ in.) | 2 | |
| | G104-0141491 | 29-3 | (HL-18659C) | | CRANKSHAFT, auxiliary generator engine | 1 | |
| H-1 | H001-0518024 | 29-3 | 120502 (HL-10514) | | KEY, Woodruff, ni-S., 3/16 x ⅞ (No. 607) (auxiliary generator engine crankshaft) (BGAX12B) | 2 | |
| | G104-1781869 | 29-3 | (HL-AA-455) | | SCREW, auxiliary generator engine crankpin | 1 | |
| | G118-0389449 | 29-3 | (HL-19818) | | SPACER, auxiliary generator engine crankshaft bearing | 1 | |
| | G118-0392356 | 29-3 | (HL-18905-A2) | | STUD, auxiliary generator engine crankshaft | 1 | |
| | | | | | **2913—AUXILIARY ENGINE FLYWHEEL** | | |
| H-12 | H012-1376035 | 29-3 | 700928 (HL-19228) (ND-88507) | | BEARING, ball (annular, single row, 1.3780 bore, 2.8346 O.D., .9843 width) (auxiliary generator engine flywheel fan) | 1 | |
| | G104-2670706 | 29-3 | (HL-25140) | | FLYWHEEL, fan, auxiliary generator engine | 1 | |
| | G104-0101075 | 29-3 | (HL-18660) | | NUT, lock, auxiliary generator engine flywheel fan to crankshaft | 1 | |
| | G104-0505065 | 29-3 | (HL-18662) | | WASHER, auxiliary generator engine flywheel fan to crankshaft | 1 | |
| | G118-0373546 | 29-4 | (HL-AA-144) | | ROPE, starting, auxiliary generator engine, w/GRIP, assembly | 1 | |
| | | | | | **2914—AUXILIARY ENGINE PISTONS, BEARINGS, CONNECTING RODS, PINS AND RINGS** | | |
| H-12 | H012-1900015 | 29-3 | 700039 (HL-19126) (SKF-5202R) | | BEARING, ball (type D, annular, double row, regular light series, .5906 bore, 1.3780 O.D., .6250 width) (auxiliarv generator engine connecting rod) (CABX1AC) | 1 | |
| | G104-0502775 | 29-3 | (HL-10546B) | | PIN, auxiliary generator engine piston | 1 | |
| | G104-0502795 | 29-3 | B197569 (HL-11569-FV) | B197569 | PISTON, auxiliary generator engine, assembly (Includes: PIN and RING) | 1 | |
| | G104-0503195 | 29-3 | A245676 (HL-19398) | A245676 | RING, piston, auxiliary generator engine | 2 | |
| | G104-0503196 | 29-3 | A245661 (HL-10547) | A245661 | RING, retaining, auxiliary generator engine piston pin | 2 | |
| | G104-0503228 | 29-3 | A245662 (HL-11034C) | A245662 | ROD, connecting, auxiliary generator engine, w/BUSHING, assembly | 1 | |

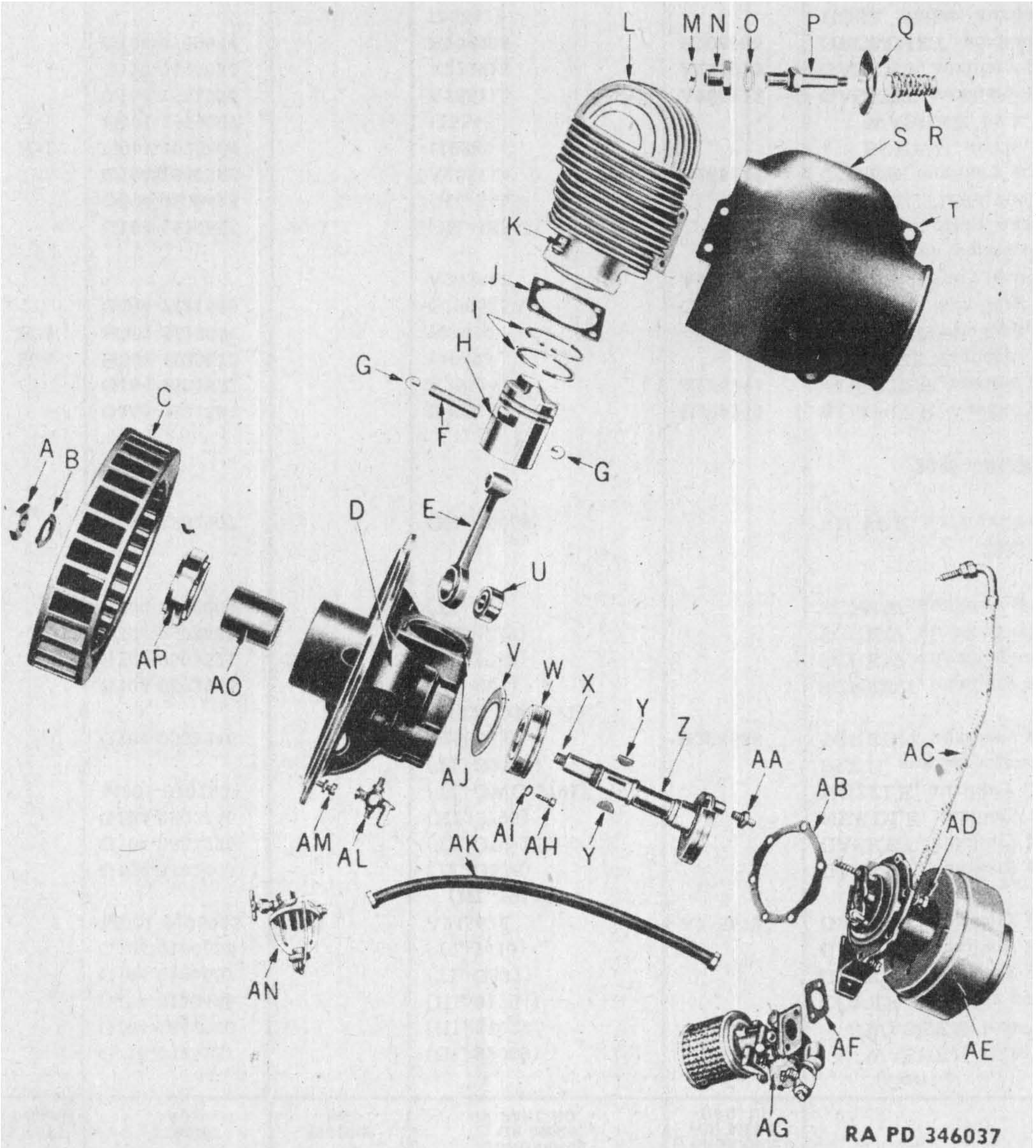



| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SUPPORT | HL-25435 | 2900 |
| B | HOUSING | HL-19798-4 | 2961 |
| C | NUT | HL-81025 | 2900 |
| D | WASHER | HL-83018 | 2900 |
| E | SUPPORT | HL-25433 | 2900 |
| F | NUT | HL-81033 | 2900 |
| G | FOOT | HL-19902 | 2900 |
| H | BOLT | HL-82008 | 2900 |
| I | STRAP | HL-S-637-1 | 2967 |
| J | SCREW | HL-80095 | 2961 |
| K | WASHER | 178535 | 2961 |

RA PD 61592E

**FIGURE 29-2 — AUXILIARY GENERATOR MOUNTING AND RELATED PARTS**

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | **2918—AUXILIARY ENGINE INTAKE AND EXHAUST MANIFOLDS AND HEAT CONTROLS** | | |
| | | | A384706 | A384706 | ARM, control, auxiliary generator heater duct damper, w/KNOB, assembly | 1 | |
| H-1 | H001-0718021 | | 218563 | | NUT, reg., hex., s-fin., S., ¼-28NF-2 (BBBX1A) | 1 | |
| H-1 | H001-0811025 | | 103361 | | PIN, cotter, split, S., 1/16 x ½ (BFAX1BC) | 1 | |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., ¼ in. (BECX1G) | 1 | |
| | | | 7055690 | | BOOT, auxiliary generator heater duct to engine, assembly | 1 | |
| | | | C136205 | C136205 | COIL, auxiliary generator air heater duct, w/PLATE, assembly | 1 | |
| H-1 | H001-1030670 | | 173678 | | SCREW, mach., rd-hd., S., ¼-28NF-2 x 5/16 (BCOX1.1CC) | 7 | |
| H-1 | H001-1030671 | | 142344 | | SCREW, mach., rd-hd., S., ¼-28NF-2 x ⅜ (BCOX1.1CD) | 2 | |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., ¼ in. (BECX1G) | 9 | |
| | | | D89999 | D89999 | DUCT, heater, auxiliary generator, assembly | 1 | |
| H-1 | H001-1013211 | | 216251 | | SCREW, cap, hex-hd., S., ¼-28NF-2x⅜ (heater duct to bulkhead) (BCBX5A) | 9 | |
| H-1 | H001-1013212 | | 216253 | | SCREW, cap, hex-hd., S., ¼-28NF-2 x ½ (heater duct to sponson plate) (BCBX5B) | 5 | |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., ¼ in. (heater duct to bulkhead (9), heater duct to sponson plate (5) (BECX1G) | 14 | |
| | | | B300746 | B300746 | HANDLE, auxiliary generator heater duct damper control, w/SHAFT, assembly | 1 | |
| | | | C136120 | C136120 | PIPE, exhaust, auxiliary generator engine, inner, assembly | 1 | |
| | | | C152906B | C152906 | PIPE, exhaust, auxiliary generator engine, outer, assembly | 1 | |
| H-1 | H001-0718021 | | 218563 | | NUT, reg., hex., s-fin., S., ¼-28NF-2 (BBBX1A) | 4 | |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., ¼ in. (BECX1G) | 4 | |
| | | | B298221 | B298221 | PLATE, damper, auxiliary generator heater duct | 1 | |
| H-1 | H001-1026462 | | 113626 | | SCREW, mach., oval-fil-hd., S., No. 10 (.190)-32NF-2 x 5/16 (BCGX1.1BC) | 5 | |
| H-1 | H001-1518005 | | 106497 | | WASHER, lock, reg., S., No. 10 (BECX1E) | 5 | |
| | | | A349393 | A349393 | PLATE, battery damper, auxiliary generator heater duct | 1 | |
| H-1 | H001-1026462 | | 113626 | | SCREW, mach., oval-fil-hd., S., No. 10 (.190)-32NF-2 x 5/16 (BCGX1.1BC) | 2 | |
| H-1 | H001-1518005 | | 106497 | | WASHER, lock, reg., S., No. 10 (BECX1E) | 2 | |
| | | | A384661 | A384661 | ROD, adjusting, auxiliary generator heater duct damper, w/YOKE, assembly | 1 | |
| | | | B300723 | B300723 | SHAFT, auxiliary generator heater duct battery damper plate | 1 | |
| H-1 | H001-0811025 | | 103361 | | PIN, cotter, split, S., 1/16 x ½ (BFAX1BC) | 1 | |
| H-1 | H001-0823002 | | 114783 | | PIN, rod end, S., ¼ diam. (BFFX1B) | 1 | |
| | | | A384708 | A384708 | SPRING, return, auxiliary generator heater duct damper control handle (2⅞ lgh.) | 1 | |
| | | | | | **2931—AUXILIARY ENGINE CARBURETOR** | | |
| | G104-2548138 | 29-1 | (TL-6440) | | BODY, auxiliary generator engine carburetor | 1 | |
| | G104-0500639 | 29-3 | (HL-19404) (TL-MS-107A) | | CARBURETOR, auxiliary generator engine, w/FILTER, assembly | 1 | |
| | 4450-80170 | | (HL-80170) | | SCREW, carburetor to air cleaner (fil-hd., S., No. 8 (.164)-32NF-2 x ⅞) | 2 | |
| | G104-1781973 | | (HL-80055) | | SCREW, carburetor to timer bracket (2), carburetor to brush head (2) (fil-hd., S., ¼-20NC-2 x ¾) | 4 | |
| | | | | | *(Cont.)* | | |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | NUT | HL-18660 | 2913 |
| B | WASHER | HL-18662 | 2913 |
| C | FLYWHEEL | HL-25140 | 2913 |
| D | CRANKCASE | HL-CC-19856 | 2911 |
| E | ROD, ass'y | HL-11034C | 2914 |
| F | PIN | HL-10546-B | 2914 |
| G | RING | A245661 | 2914 |
| H | PISTON | HL-11569FV | 2914 |
| I | RING | HL-19398 | 2914 |
| J | GASKET | HL-19427A | 2911 |
| K | NUT | 7005726 | 2911 |
| L | CYLINDER, ass'y | HL-AA-349 | 2911 |
| M | GASKET | HL-19860 | 2965 |
| N | ADAPTER, ass'y | HL-AA-406 | 2965 |
| O | GASKET | HL-25470 | 2965 |
| P | PLUG | CP-HO-14S | 2965 |
| Q | CAP | HL-19899-1 | 2911 |
| R | SPRING | HL-25162 | 2911 |
| S | SHIELD | HL-25833 | 2911 |
| T | NUT | HL-81013 | 2911 |
| U | BEARING | 700039 | 2914 |
| V | GASKET | HL-40203 | 2911 |
| W | BEARING | 700950 | 2912 |
| X | STUD | HL-18905-A2 | 2912 |
| Y | KEY | 120502 | 2912 |
| Z | CRANKSHAFT | HL-18659-C | 2912 |
| AA | SCREW | HL-AA-455 | 2912 |
| AB | GASKET | HL-19484 | 2964.1 |
| AC | CONDUIT, ass'y | HL-19758 | 2964.1 |
| AD | SCREW | 216914 | 2964.1 |
| AE | MAGNETO, ass'y | HL-19766-2 | 2964.1 |
| AF | GASKET | HL-19149 | 2931 |
| AG | CARBURETOR, ass'y | HL-19404 | 2931 |
| AH | SCREW | HL-19238 | 2912 |
| AI | WASHER | HL-83041 | 2912 |
| AJ | STUD | 7001244 | 2911 |
| AK | TUBE, ass'y | HL-AA-582 | 2935 |
| AL | COCK | HL-18365 | 2935 |
| AM | SCREW | 114354 | 2911 |
| AN | STRAINER, ass'y | HL-19345 | 2937 |
| AO | SPACER | HL-19818 | 2912 |
| AP | BEARING | 700928 | 2913 |

RA PD 346037A

FIGURE 29-3 — AUXILIARY GENERATOR ENGINE AND MAGNETO — EXPLODED VIEW

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| | G118-0443137 | | (HL-83009) | | WASHER, lock, auxiliary generator engine carburetor (cd-pltd., S., ¼ in.) | 2 | |
| | G104-1842920 | | (HL-83022) | | WASHER, lock, carburetor to air cleaner (No. 8) | 2 | |
| | G104-0100448 | | (HL-01794) | | COVER, auxiliary generator engine carburetor float bowl | 1 | |
| | G104-0100657 | | (TL-O337) | | GASKET, auxiliary generator engine carburetor inlet needle head seat | 2 | |
| | G104-0100656 | | (TL-2410) | | GASKET, auxiliary generator engine carburetor inlet screw | 1 | |
| | M001-0106065 | 29-3 | A245672 (HL-19149) | A2[illegible]5672 | GASKET, auxiliary generator engine carburetor flange | 1 | |
| | G104-0302443 | | (TL-O676) | | GASKET, auxiliary generator engine carburetor gland adjusting screw | 1 | |
| | G104-0501276 | | (TL-OW-222) | | GASKET, auxiliary generator engine fuel strainer cover | 1 | |
| | G104-0502146 | | (HL-5795) | | NEEDLE, auxiliary generator engine carburetor inlet, w/SEAT, assembly | 1 | |
| | M001-0107904 | | (TL-OWO-5791) | | NOZZLE, auxiliary generator engine carburetor | 1 | |
| | | | (TL-O3575) | | PLUG, auxiliary generator engine carburetor body channel (⅛ in.) | 1 | |
| | G104-0503246 | | B208638A (TL-OW-352) | B208638 | SCREEN, auxiliary generator engine carburetor fuel filter | 1 | |
| | G104-0503245 | | (HL-802) | | SCREEN, auxiliary generator engine carburetor fuel inlet | 1 | |
| | G104-0503571 | 29-1 | (TL-3738) | | SCREW, adjusting, auxiliary generator engine carburetor needle valve, assembly | 1 | |
| | G104-0503475 | | (TL-4139) | | SCREW, air bleed restriction, auxiliary generator engine carburetor | 1 | |
| | G104-3067000 | | (TL-54) | | SCREW, auxiliary generator engine carburetor cover (No. 8 (.164)-32 x ½) | 4 | |
| | | | | | **2933—AUXILIARY ENGINE AIR CLEANER** | | |
| | G104-1582907 | | (HL-50068) | | FILTER, air, auxiliary generator engine, assembly | 1 | |
| | | | | | **2935—AUXILIARY ENGINE FUEL TANKS, FITTINGS, LEVEL GAGES AND LINES** | | |
| | G163-0101804 | | B209149 | B209149 | ADAPTER, auxiliary generator engine fuel tank filler neck | 1 | |
| | G104-1501852 | | A265241 | A265241 | ADAPTER, auxiliary generator engine fuel tank outlet | 1 | |
| H-1 | H001-1030673 | | 149495 | | SCREW, mach., rd-hd., S., ¼-28NF-2 x ½ (BCOX1.1CF) | 3 | |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., ¼ in. (BECX1G) | 3 | |
| | G104-2131539 | | C100635A | C100635 | CAP, filler, auxiliary generator engine fuel tank, assembly | 1 | |
| | | | A245447 | A245447 | CLIP, auxiliary generator engine fuel tank outlet hose tube to magneto timer bracket (closed, $^{19}/_{64}$, $^{17}/_{64}$ hole) | 1 | |
| | G104-1539651 | 29-3 | (HL-18365) | | COCK, oil drain, auxiliary generator engine | 1 | |
| | G104-0100417 | | (HL-3453) | | CONNECTION, fuel inlet, auxiliary generator engine carburetor | 1 | |
| | G104-1540268 | | A265114 | A265114 | COVER, auxiliary generator engine fuel tank fuel level window | 1 | |
| H-1 | H001-1026464 | | 110880 | | SCREW, mach., oval-fil-hd., S., No. 10 (.190)-32NF-2 x $^{7}/_{16}$ (BCGX1.1BE) | 6 | |
| H-1 | H001-1519007 | | 115545 | | WASHER, lock, internal teeth, reg., S., No. 10 (BEAX1F) | 6 | |
| | G104-1593950 | | A265112 | A265112 | GASKET, auxiliary generator engine fuel tank fuel level window | 2 | |
| | G170-0194032 | | A222913 | A222913 | GASKET, auxiliary generator engine fuel tank outlet adapter | 1 | |
| | G104-2709044 | | B208906 | B208906 | GROMMET, auxiliary generator engine fuel tank filler neck, assembly | 1 | |
| | | | 7058427 | | HOSE, outlet, auxiliary generator engine fuel tank fuel shut-off valve to tube, assembly | 1 | |
| | | | B208470D | B208470 | NECK, filler auxiliary generator engine fuel tank, assembly | 1 | |
| H-1 | H001-1030671 | | 142344 | | SCREW, mach., rd-hd., S., ¼-28NF-2 x ⅜ (BCOX1.1CD) | 6 | |
| | | | | | *(Cont.)* | | |

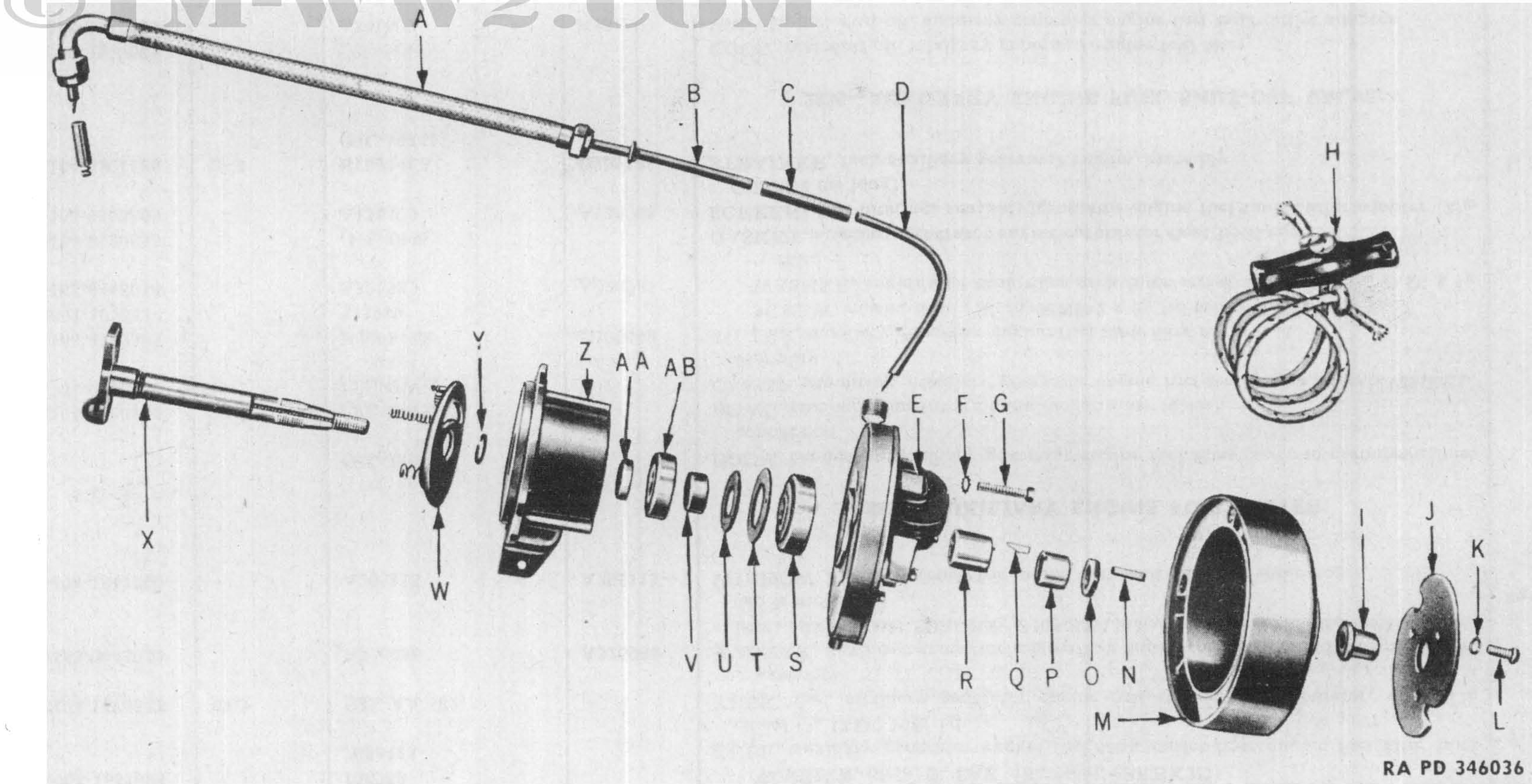



**FIGURE 29-4 — AUXILIARY GENERATOR MAGNETO AND RELATED PARTS — EXPLODED VIEW**

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | CONDUIT, ass'y | HL-19758 | 2964.1 |
| B | LEAD | HL-89293 | 2961 |
| C | SLEEVE | HL-25024 | 2964.1 |
| D | LEAD | HL-89294 | 2961 |
| E | STATOR, ass'y | WCE-X-4729 | 2964.1 |
| F | WASHER | HL-83023 | 2964.1 |
| G | SCREW | BCCX1AC | 2964.1 |
| H | ROPE, ass'y | HL-AA-144 | 2913 |
| I | NUT | WCE-4666 | 2964.1 |
| J | PLATE | WCE-4664 | 2964.1 |
| K | WASHER | 103319 | 2964.1 |
| L | SCREW | 113956 | 2964.1 |
| M | ROTOR, ass'y | WCE-Y-4659 | 2964.1 |
| N | KEY | HL-19797 | 2964.1 |
| O | NUT | HL-19454 | 2964.1 |
| P | CAM | WCE-4661 | 2964.1 |
| Q | KEY | HL-19796 | 2964.1 |
| R | SPACER | HL-19381-B | 2964.1 |
| S | BEARING | 700929 | 2964.1 |
| T | RING | HL-19619-A | 2964.1 |
| U | RING | HL-19620 | 2964.1 |
| V | SPACER | HL-19380 | 2964.1 |
| W | GOVERNOR, ass'y | HL-1918HR | 2964.1 |
| X | SHAFT | HL-19379-D1 | 2964.1 |
| Y | SNAP RING | HL-40177 | 2964.1 |
| Z | BRACKET | HL-19949 | 2964.1 |
| AA | SPACER | HL-19385 | 2964.1 |
| AB | BEARING | 700076 | 2964.1 |

RA PD 346036A

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | | | | | *(Cont.)* | | |
| | G163-0443032 | | A326986 | A326986 | WASHER, engine fuel tank filler neck screw, upper (S., 4¼ O.D. x 3/32 thk.) | 1 | |
| | G104-2909692 | | C100666C | C100666 | NECK, filler, auxiliary generator engine fuel tank, assembly (Includes: FILTER, FLOAT assembly, GASKET and SCREEN) | 1 | |
| H-1 | H001-1030675 | | 190921 | | SCREW, mach., rd-hd., S., ¼-28NF-2 x ¾ (used with SPACER, G104-3081603 and WASHER, G163-0443032 when additional clearance for filler cap is necessary) (BCOX1.1CH) | as req. | |
| | G104-2382819 | | A296990 | A296990 | SEAL, auxiliary generator engine fuel tank filler cap | 1 | |
| | G104-3081603 | | A326456 | A326456 | SPACER, auxiliary generator engine fuel tank filler neck (used with SCREW, H001-1030675 and WASHER, G163-0443032 when additional clearance for filler cap is necessary) | as req. | |
| | G212-6590002 | | D90002 | D90002 | TANK, fuel, auxiliary generator engine, assembly | 1 | |
| H-1 | H001-1013243 | | 215956 | | SCREW, cap, hex-hd., S., 3/8-24NF-2 x ¾ (BCBX1CA) | 5 | |
| H-1 | H001-1516009 | | 108580 | | WASHER, lock, hv., S., 3/8 in. (BECX3K) | 5 | |
| H-1 | H001-1531004 | | 106263 | | WASHER, plain, S., SAE std., 3/8 in. (BEBX2D) | 5 | |
| | | | 7058423 | | TUBE, auxiliary generator engine fuel tank outlet hose engine fuel filter inlet elbow (¼ O.D., 10¾ lgh.) | 1 | |
| | G104-1676321 | 29-3 | (HL-AA-582) | | TUBE, fuel, auxiliary generator engine fuel strainer to carburetor, w/NUTS, assembly | 1 | |
| | G163-0443032 | | A326986 | A326986 | WASHER, auxiliary generator engine fuel tank filler neck (used with SCREW, H001-1030675 and SPACER, G104-3081603 when additional clearance for filler cap is necessary) | as req. | |
| | G104-1847700 | | A265113 | A265113 | WINDOW, auxiliary generator engine fuel tank fuel level indicator | 1 | |
| | | | | | **2937—AUXILIARY ENGINE FUEL FILTER** | | |
| | | | (HL-11024) | | BODY, connector, auxiliary generator engine fuel filter cover to carburetor inlet connection | 1 | |
| | G104-0500265 | 29-1 | (TL-OW-363) | | BOWL, auxiliary generator engine fuel strainer (glass) | 1 | |
| | G104-0500671 | 29-1 | (TL-OW-447) | | CLAMP, mounting, auxiliary generator engine fuel strainer, w/thumb WHEEL, assembly | 1 | |
| | G163-0182305 | | B209148A | B209148 | FILTER, auxiliary generator engine fuel tank filler neck | 1 | |
| H-1 | H001-1023134 | | 113989 | | SCREW, mach., fl-hd., S., ¼-20NF-2 x 5/8 (to tank) (BCKX2CF) | 6 | |
| | G163-0443014 | | A326985 | A326985 | WASHER, engine fuel tank filler neck filter screw, lower (S., 3¾ O.D. x 3/16 thk.) | 1 | |
| | G104-0100655 | | (HL-1845) | | GASKET, auxiliary generator engine carburetor float bowl cover | 1 | |
| | G103-0303395 | | A136505 | A136505 | SCREEN, fuel filtering, auxiliary generator engine fuel tank outlet adapter (25/32 O.D. x 2 in. long) | 1 | |
| | G104-0501186 | 29-3 | B209148A (HL-19345) | B209148 | STRAINER, fuel, auxiliary generator engine, assembly | 1 | |
| | | | | | **2939—AUXILIARY ENGINE FUEL SHUT-OFF VALVE** | | |
| | G104-0500675 | 29-1 | (TL-6146) | | COCK, fuel shut-off, auxiliary generator engine fuel filter | 1 | |
| | G212-5381609 | | A381609 | A381609 | VALVE, fuel shut-off, auxiliary generator engine fuel tank outlet adapter | 1 | |

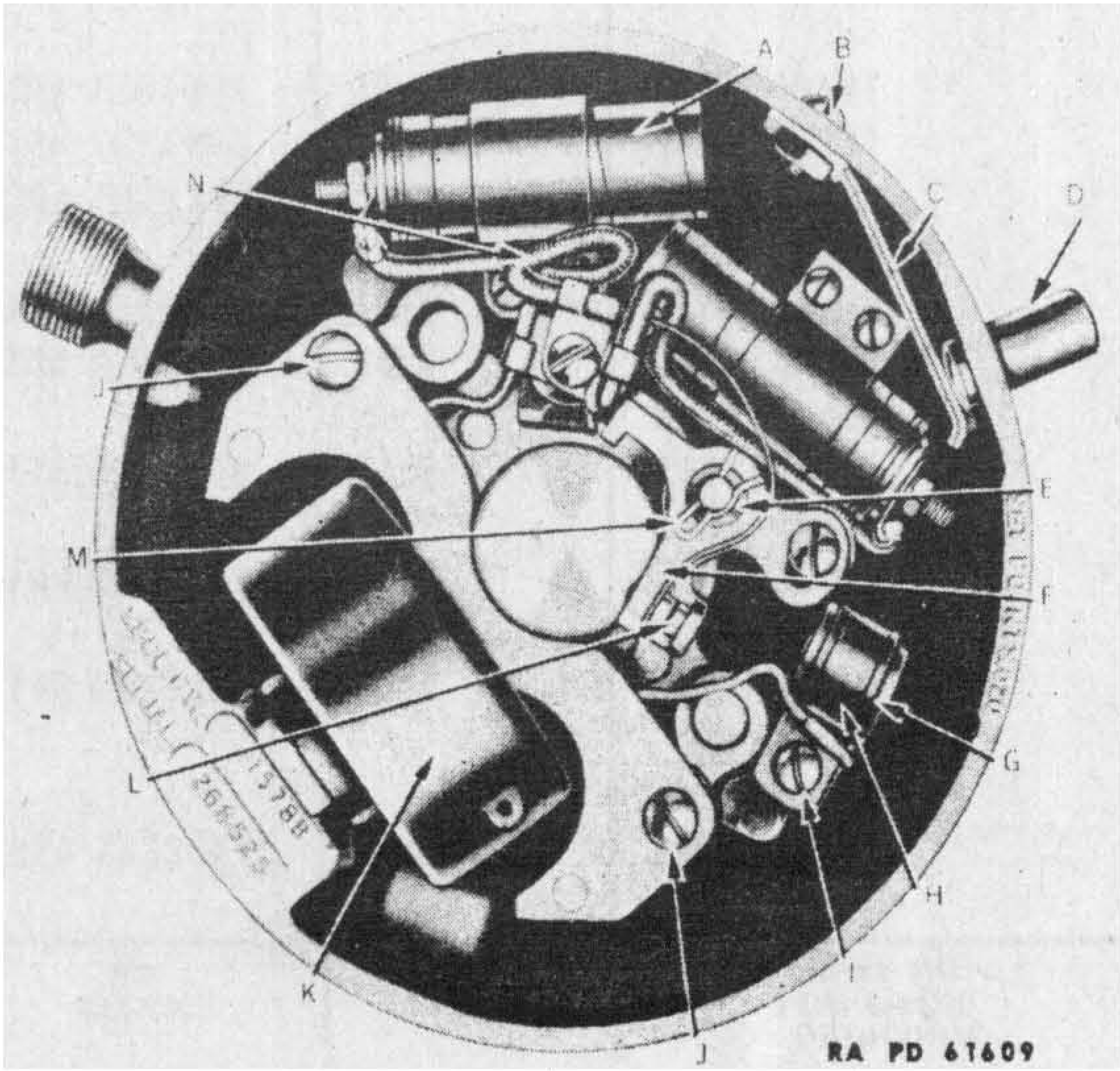
## 2941—AUXILIARY ENGINE MUFFLER, EXHAUST AND TAIL PIPES

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-1540128 | 29-1 | A245670 (HL-19870) (HL-S-749) | A245670 | COUPLING, flexible, auxiliary generator engine muffler, assembly | 1 |
| | G104-1781962 | | (HL-S-755A) | | SCREW, cap, flexible coupling to muffler (hex-hd., S., ¼-20NC-2 x ⅞) | 8 |
| | G212-5349403 | | A349403 | A349403 | GASKET, auxiliary generator engine muffler to flexible coupling (2), muffler to inner exhaust outlet tube (1) | 3 |
| | G104-1593910 | | (HL-19711) | | GASKET, auxiliary generator engine muffler tube elbow | 1 |
| | G212-5652905 | | C152905 (HL-25586) | C152905 | MUFFLER, exhaust, auxiliary generator engine, assembly (Includes: FLANGES and TUBES) | 1 |
| H-1 | H001-0116005 | | 227449 | | BOLT, hex-hd., s-fin., alloy-S., ¼-20NC-2 x 1¼ (exhaust muffler at engine) (BANX1AD) | 4 |
| H-1 | H001-0718001 | | 220064 | | NUT, reg., hex., s-fin., S., ¼-20NC-2 (exhaust muffler at engine) (BBAX1A) | 4 |
| H-1 | H001-1013004 | | 216958 | | SCREW, cap, hex-hd., S., ¼-20NC-2 x ⅞ (exhaust muffler at inner exhaust tail pipe) (BCAX1AB) | 4 |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., ¼ in. (exhaust muffler at engine (4), exhaust muffler at inner exhaust tail pipe (4) (BECX1G) | 8 |
| | | | A349401 | A349401 | STRAP, mounting, auxiliary generator engine exhaust muffler | 1 |
| H-1 | H001-1013242 | | 216311 | | SCREW, cap, hex-hd., S., ⅜-24NF-2 x ½ (BCBX5E) | 2 |
| H-1 | H001-1518009 | | 103321 | | WASHER, lock, reg., S., ⅜ in. (BECX1K) | 2 |

## 2961—AUXILIARY ENGINE GENERATOR

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0500055 | 29-7 | B197570 (HL-19505) | B197570 | ARMATURE, auxiliary generator, w/SHAFT, assembly | 1 |






| Key | Item | Part Number | Group |
|---|---|---|---|
| A | CONDENSER, ass'y | WCE-X-4215 | 2964.1 |
| B | SCREW | WCE-4759 | 2964.1 |
| C | SPRING | WCE-4754 | 2964.1 |
| E | WASHER | WCE-3219 | 2964.1 |
| F | BREAKER, ass'y | WCE-X-3215 | 2964.1 |
| G | BUSHING | WCE-3454 | 2964.1 |
| H | CLAMP | WCE-3455 | 2964.1 |
| I | SCREW | WCE-M-87X | 2964.1 |
| J | SCREW | WCE-4216 | 2964.1 |
| K | COIL, ass'y | WCE-X-4658 | 2964.1 |
| L | PLATE, ass'y | WCE-4652 | 2964.1 |
| M | LOCK | WCE-4210 | 2964.1 |
| N | LEAD | WCE-X-4672 | 2964.1 |

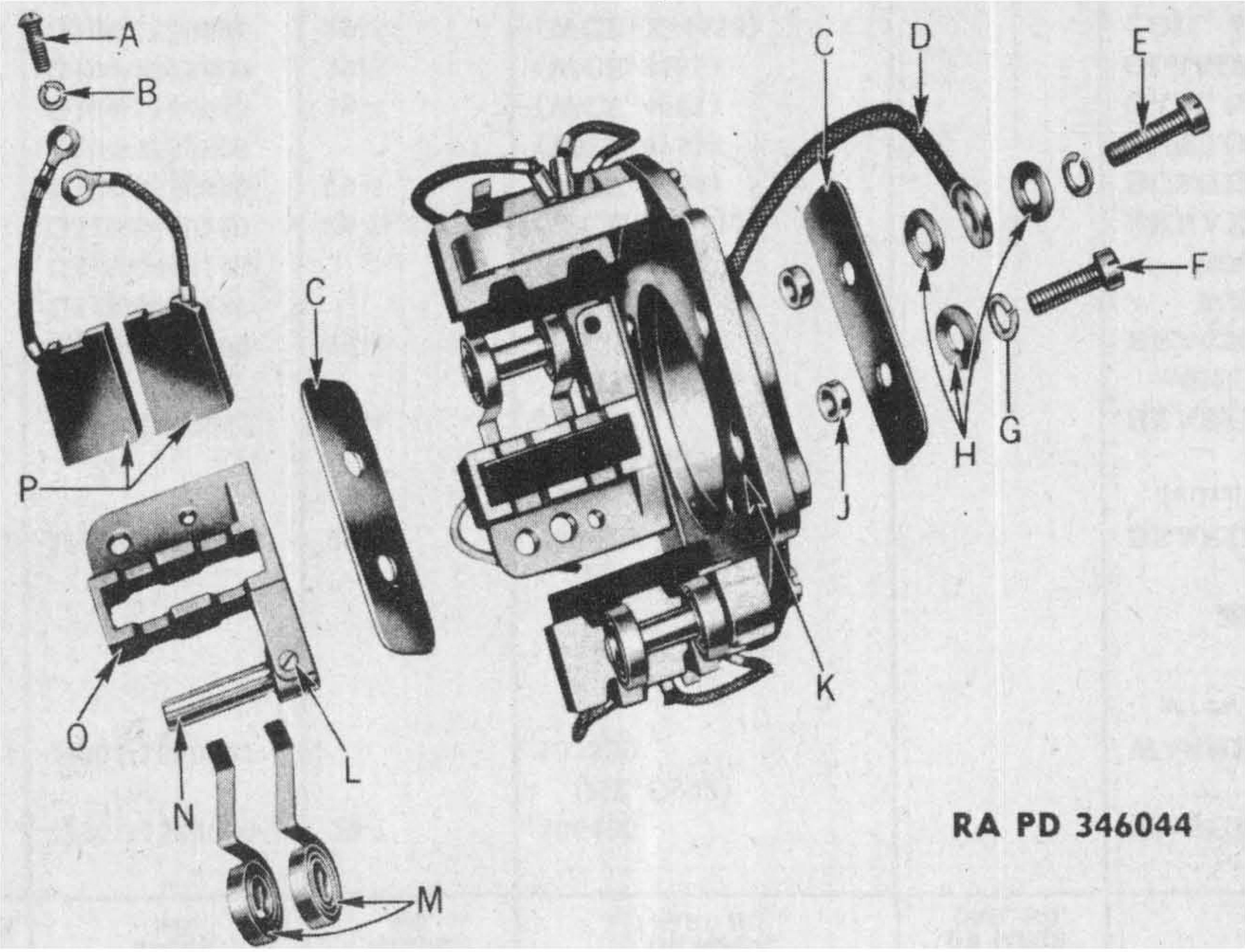
RA PD 61609E

FIGURE 29-5 — AUXILIARY GENERATOR STATOR PLATE ASSEMBLY — WCE-X-4732

# GROUP 29 — AUXILIARY GENERATOR

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| H-12 | H012-1323015 | 29-7 | 700038 (HL-19132) (ND-77502) | | BEARING, ball (annular, single row, w/double oil SHIELD, .5906 bore, 1.3780 O.D., .4331 width) (for auxiliary generator armature shaft) (CAAX1GK) | 1 | |
| | G118-0124310 | 29-7 | (HL-80078) (HL-19529) | | BOLT, retaining, auxiliary generator armature shaft bearing (hex-hd., slotted, S., 1/4-20NC-2 x 7) | 1 | |
| | G104-0500425 | 29-6 | A245680 (HL-19502) | A245680 | BRUSH, auxiliary generator armature, w/WIRE, assembly | 8 | |
| | G118-0128008 | 29-6 | A247149 (HL-19510) | A247149 | BUSHING, insulating, auxiliary generator brush holder ring screw (fiber) | 4 | |
| | G104-0500529 | 29-7 | (HL-52026) | | BUSHING, insulating, auxiliary generator field coil (fiber) | 1 | |
| | G104-0500765 | 29-7 | B197571 (HL-19513) | B197571 | COIL, field, auxiliary generator, assembly | 4 | |
| H-1 | H001-1023746 | 29-7 | 191746 | | SCREW, mach., fl-hd., S., 5/16-24NF-2 x 1 (BCLX1.1DL) | 8 | |
| | G104-1611462 | 29-7 | (HL-19763) | | HEAD, auxiliary generator brush holder ring | 1 | |
| | G104-1781963 | 29-7 | (HL-80074) | | SCREW, cap, auxiliary generator brush holder ring head (hex-hd., slotted, S., 1/4-20NC-2 x 6 3/16) | 4 | |
| | G118-0443132 | | (HL-84004) | | WASHER, flat, auxiliary generator brush holder ring head (1/4 in.) | 4 | |
| | G118-0443142 | | (HL-83000) | | WASHER, lock, auxiliary generator brush holder ring head to yoke (S., 1/4 in.) | 4 | |
| | G104-1617452 | 29-6 | (HL-19493-2) | | HOLDER, brush, auxiliary generator | 4 | |
| H-1 | H001-1017003 | 29-6 | BCCX1AA | BCCX1 | SCREW, cap, oval-fil-hd., S., 1/4-20NC-2 x 3/4 | 2 | |
| H-1 | H001-1017004 | 29-6 | BCCX1AB | BCCX1 | SCREW, cap, oval-fil-hd., S., 1/4-20NC-2 x 1 | 6 | |
| | G118-0443137 | 29-7 | (HL-83009) | | WASHER, lock, holder to ring (cd-pltd., S., 1/4 in.) | 8 | |
| | G104-0501475 | 29-6,7 | C95276 (HL-S-760) | C95276 | HOLDER, brush, auxiliary generator, w/BRUSHES, assembly | 1 | |
| | G118-0382530 | 29-7 | (HL-80050) | | SCREW, cap, auxiliary generator brush holder (oval-fil-hd., S., 1/4-20NC-2 x 5/8) | 4 | |
| H-1 | H001-1518007 | 29-6 | 103319 | | WASHER, lock, reg., S., 1/4 in. (BECX1G) | 4 | |
| H-1 | H001-1530007 | 29-6,7 | 103339 | | WASHER, plain, S., 1/4 in. (BEBX1G) | 4 | |
| | G104-0505435 | 29-7 | (HL-19509) (HL-19102-1) | | HOUSING, auxiliary generator field coil | 1 | |
| | G118-9217906 | 29-2 | (HL-19798-4) | | HOUSING, auxiliary generator flywheel fan | 1 | |
| | G104-1781971 | | (HL-80171) | | SCREW, auxiliary generator flywheel fan housing (hex-hd., S., 3/8-16NC-2 x 3/4) | 3 | |
| | G104-1781969 | 29-2 | (HL-80095) | | SCREW, auxiliary generator flywheel fan housing (hex-hd., S., 3/8-16NC-2 x 1) | 1 | |
| | H101-0178535 | 29-2 | 178535 | | WASHER, lock, external-internal teeth, reg., S., 5/16 x .985 (BEAX8AC) | 2 | |
| H-1 | H001-1518009 | | 103321 | | WASHER, lock, reg., S., 3/8 in. (BECX1K) | 3 | |
| | G104-0501705 | 29-6 | (HL-19500B) | | INSULATOR, auxiliary generator brush holder | 4 | |
| | G104-0501833 | 29-6 | (HL-19528) (HL-AA-4) | | JUMPER, auxiliary generator positive brush, assembly | 1 | |
| | G104-0501855 | 29-7 | A245664 (HL-15008) | A245664 | KEY, auxiliary generator armature | 1 | |
| | G104-0501998 | 29-7 | (HL-AA-659) | | LEAD, auxiliary generator positive brush to switch control box, assembly | 1 | |
| | G104-1531227 | 29-4 | (HL-89293) | | LEAD, high tension, auxiliary generator, long | 1 | |
| | G104-1531228 | 29-4 | (HL-89294) | | LEAD, high tension, auxiliary generator, short | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-0502770 | 29-7 | (HL-19252) | | PIN, locating, auxiliary generator field coil | 2 |
| | G104-0500985 | 29-7 | (HL-19512A) (HL-25013) | | PLATE, cover, auxiliary generator brush head, assembly | 1 |
| H-1 | H001-1017002 | 29-7 | BCCX1AS | BCCX1 | SCREW, cap, oval-fil-hd., S., ¼-20NC-2 x ½ | 1 |
| H-1 | H001-1518007 | | 103319 | | WASHER, lock, reg., S., ¼ in. (BECX1G) | 1 |
| | G104-0502915 | 29-6 | (HL-19498) | | POST, auxiliary generator brush spring | 4 |
| | G118-0382527 | 29-6 | (HL-80027) | | SCREW, set, auxiliary generator brush spring post (S., hdls., No. 8 (.164)-32NC-2 x 9/32) | 4 |
| | G104-2369891 | 29-6 | (HL-19494B) | | RING, auxiliary generator brush holder | 1 |
| | G118-0382528 | | (HL-80045) | | SCREW, auxiliary generator brush head (fil-hd., ¼-20NC x ½) | 3 |
| | G118-0382517 | | (HL-80057) | | SCREW, auxiliary generator brush head (fil-hd., ¼-20NC x ⅞) | 4 |
| | G104-1781974 | | (HL-80021) | | SCREW, auxiliary generator brush head (rd-hd., No. 8 (.164)-32NC x 7/16) | 4 |
| H-1 | H001-1028070 | 29-6 | 133237 | | SCREW, mach., rd-hd., br., No. 8 (.164)-32NC-2 x 7/16 (auxiliary generator brush wire) (BCNX3FF) | 4 |
| | G104-0503831 | 29-7 | (HL-AA-32) (HL-19501) | | SHOE, pole, auxiliary generator field coil, assembly | 4 |
| | G118-0382515 | | (HL-80091) | | SCREW, auxiliary generator field coil pole shoe to yoke (fl-hd., 5/16-24NF) | 8 |
| | G104-0504065 | 29-6 | A245679 (HL-19499) | A245679 | SPRING, auxiliary generator brush | 8 |
| | G118-0443137 | 29-7 | (HL-83009) | | WASHER, lock, auxiliary generator armature shaft bearing retaining screw (cd-pltd., S., ¼ in.) | 1 |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | WASHER | 106496 | 2961 |
| B | SCREW | 133237 | 2961 |
| C | INSULATOR | HL-19500B | 2961 |
| D | JUMPER, ass'y | HL-AA-4 | 2961 |
| E | WASHER | 103339 | 2961 |
| F | SCREW | BCCX1AB | 2961 |
| G | SCREW | BCCX1AA | 2961 |
| H | WASHER | 103319 | 2961 |
| I | BUSHING | HL-19510 | 2961 |
| J | RING | HL-19494B | 2961 |
| K | SCREW | HL-80027 | 2961 |
| L | SPRING | HL-19499 | 2961 |
| M | POST | HL-19498 | 2961 |
| N | HOLDER | HL-19493-2 | 2961 |
| O | BRUSH, ass'y | HL-19502 | 2961 |

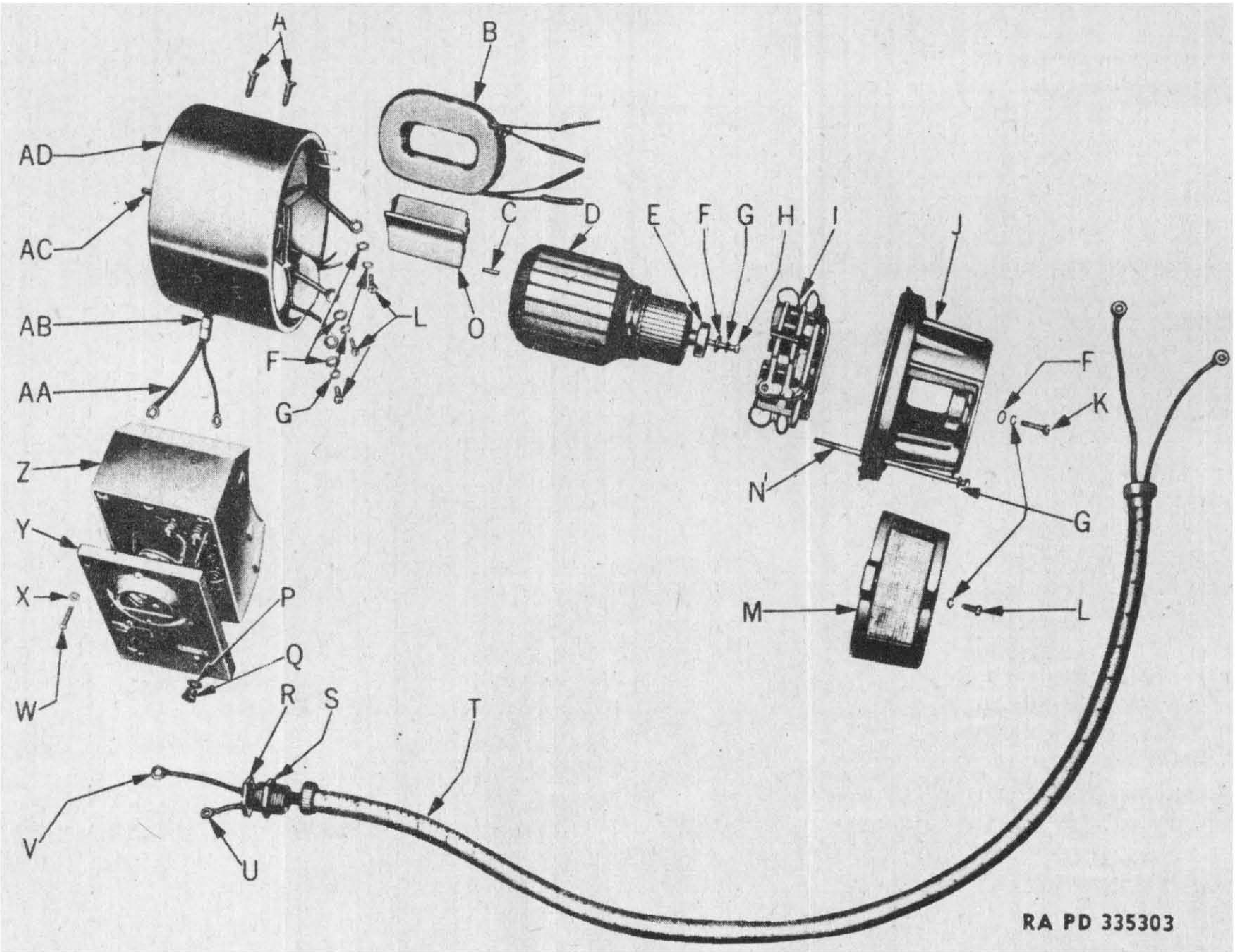
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FIGURE 29-6 — AUXILIARY GENERATOR BRUSH HOLDER ASSEMBLY — EXPLODED VIEW

# GROUP 29 — AUXILIARY GENERATOR



| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| H-1 | H001-1518004 | 29-7 | 106496 (HL-O992) | | WASHER, lock, reg., S., No. 8 (auxiliary generator brush wire) (BECX1D) | 4 | |
| H-1 | H001-1530007 | | 103339 | | WASHER, plain, S., ¼ in. (retaining auxiliary generator armature shaft bearing screw) (BEBX1G) | 1 | |
| | | | | | **2964.1—AUXILIARY ENGINE DISTRIBUTOR OR MAGNETO** | | |
| H-12 | H012-1377017 | 29-4 | 700929 (HL-19400) (ND-88603) | | BEARING, ball (annular, single row, .6696 bore, 1.8504 O.D., .7087 width) (auxiliary generator magneto intake valve shaft, front) | 1 | |
| H-12 | H012-1303017 | 29-4 | 700076 (HL-19401) | | BEARING, ball (type A, annular, single, light series, .6693 bore, 1.5748, .4724 width) (auxiliary generator magneto intake valve shaft, rear) (CAAX1AH) | 1 | |
| | G104-2551700 | 29-4 | (HL-19949) | | BRACKET, auxiliary generator timer | 1 | |
| | G118-0443137 | | (HL-83009) | | WASHER, lock, auxiliary generator timer bracket (cd-pltd., ¼ in.) | 6 | |
| | G118-0443143 | | (HL-83023) | | WASHER, lock, auxiliary generator timer bracket (external teeth, ¼ in.) | 2 | |
| | G116-0400120 | 29-1, 5 | (WCE-X-3215) | | BREAKER, auxiliary generator magneto, w/POINTS, assembly | 1 | |
| | G104-2556030 | 29-5 | (WCE-3454) | | BUSHING, auxiliary generator magneto stator clamp (rubber) | 1 | |
| | G104-2557500 | | (WCE-4755) | | BUTTON, stop, auxiliary generator magneto stator | 1 | |
| | G104-2563025 | 29-4 | (WCE-4661) | | CAM, breaker, auxiliary generator magneto | 1 | |
| | G104-2575600 | 29-5 | (WCE-3455) | | CLAMP, auxiliary generator magneto stator bushing | 1 | |
| | G104-1539696 | 29-5 | (WCE-X-4658) | | COIL, auxiliary generator magneto stator, assembly | 1 | |
| | G104-1539847 | 29-5 | (WCE-X-4215) | | CONDENSER, auxiliary generator magneto stator, assembly | 2 | |
| | G104-1539924 | 29-3,4 | (TI-K21879) (HL-19758) | | CONDUIT, shielding, auxiliary generator engine high tension lead, assembly | 1 | |
| | G104-0100709 | 29-3 | A245678 (HL-19484) | A245678 | GASKET, auxiliary generator engine timer bracket | 1 | |
| | G104-0504765 | 29-4 | A245673 (HL-19185HR) (HL-A-6010) | A245673 | GOVERNOR, intake, auxiliary generator engine magneto, assembly | 1 | |
| | G104-1658684 | 29-4 | (HL-19796) (WCE-4663) | | KEY, auxiliary generator magneto breaker cam | 1 | |
| | G104-1658685 | 29-4 | (HL-19797) (WCE-X-4662) | | KEY, auxiliary generator magneto rotor | 1 | |
| | G104-2849200 | 29-5 | (WCE-X-4672) | | LEAD, auxiliary generator magneto stator condenser | 1 | |
| | G104-2861292 | 29-5 | (WCE-4210) | | LOCK, spring, auxiliary generator magneto stator breaker | 1 | |
| | G163-0287214 | 29-3 | (HL-197662-2) (WCE-S-7531) | | MAGNETO, auxiliary generator, assembly | 1 | |
| H-1 | H001-1013002 | 29-3 | 216914 | | SCREW, cap, hex-hd., S., ¼-20NC-2 x ⅝ (BCAX3K) | 6 | |
| | G104-0502518 | 29-4 | (HL-19454) | | NUT, lock, auxiliary generator magneto breaker cam | 1 | |
| | G104-2932077 | 29-1,4 | (WCE-4666) | | NUT, puller, auxiliary generator magneto rotor | 1 | |
| | G104-1740228 | 29-5 | (WCE-4652) | | PLATE, contact, auxiliary generator magneto stator, assembly | 1 | |
| | G104-2982800 | 29-1,4 | (WCE-4664) | | PLATE, stator, auxiliary generator magneto | 1 | |
| H-1 | H001-1030135 | 29-4 | 113956 | | SCREW, mach., rd-hd., S., ¼-20NC-2 x ⅝ (BCNX2CF) | 3 | |
| H-1 | H001-1518007 | 29-4 | 103319 | | WASHER, lock, reg., S., ¼ in. (BECX1G) | 3 | |




| Key | Item | Part Number | Group |
|---|---|---|---|
| A | SCREW | 191746 | 2961 |
| B | COIL, ass'y | HL-19513 | 2961 |
| C | KEY | HL-15008 | 2961 |
| D | ARMATURE, ass'y | HL-19505 | 2961 |
| E | BEARING | 700038 | 2961 |
| F | WASHER | 103339 | 2961 |
| G | WASHER | HL-83009 | 2961 |
| H | BOLT | HL-80078 | 2961 |
| I | HOLDER, ass'y | HL-S-760 | 2961 |
| J | HEAD | HL-19763 | 2961 |
| K | SCREW | HL-80050 | 2961 |
| L | SCREW | BCCX1AS | 2961 |
| M | PLATE | HL-25013 | 2961 |
| N | SCREW | HL-80074 | 2961 |
| O | SHOE | HL-19501 | 2961 |
| P | WASHER | HL-83025 | 2967 |
| Q | BUTTON | HL-S-844 | 2967 |
| R | NUT | HL-19730 | 2967 |
| S | CONNECTOR | HL-25822 | 2967 |
| T | HARNESS | C136171 | 0613.1 |
| U | CABLE (furnished only as part of HARNESS, C136171) | | 0613.1 |
| V | CABLE (furnished only as part of HARNESS, C136171) | | 0613.1 |
| W | SCREW | 100920 | 2967 |
| X | WASHER | 106496 | 2967 |
| Y | COVER | HL-19739-2 | 2967 |
| Z | BOX (furnished only as part of BOX, ass'y HL-19738-A) | | 2967 |
| AA | LEAD, ass'y | HL-AA-659 | 2961 |
| AB | BUSHING | HL-52026 | 2961 |
| AC | PIN | HL-19252 | 2961 |
| AD | HOUSING | HL-19102-1 | 2961 |

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**FIGURE 29-7 — AUXILIARY GENERATOR AND CONTROL BOX**

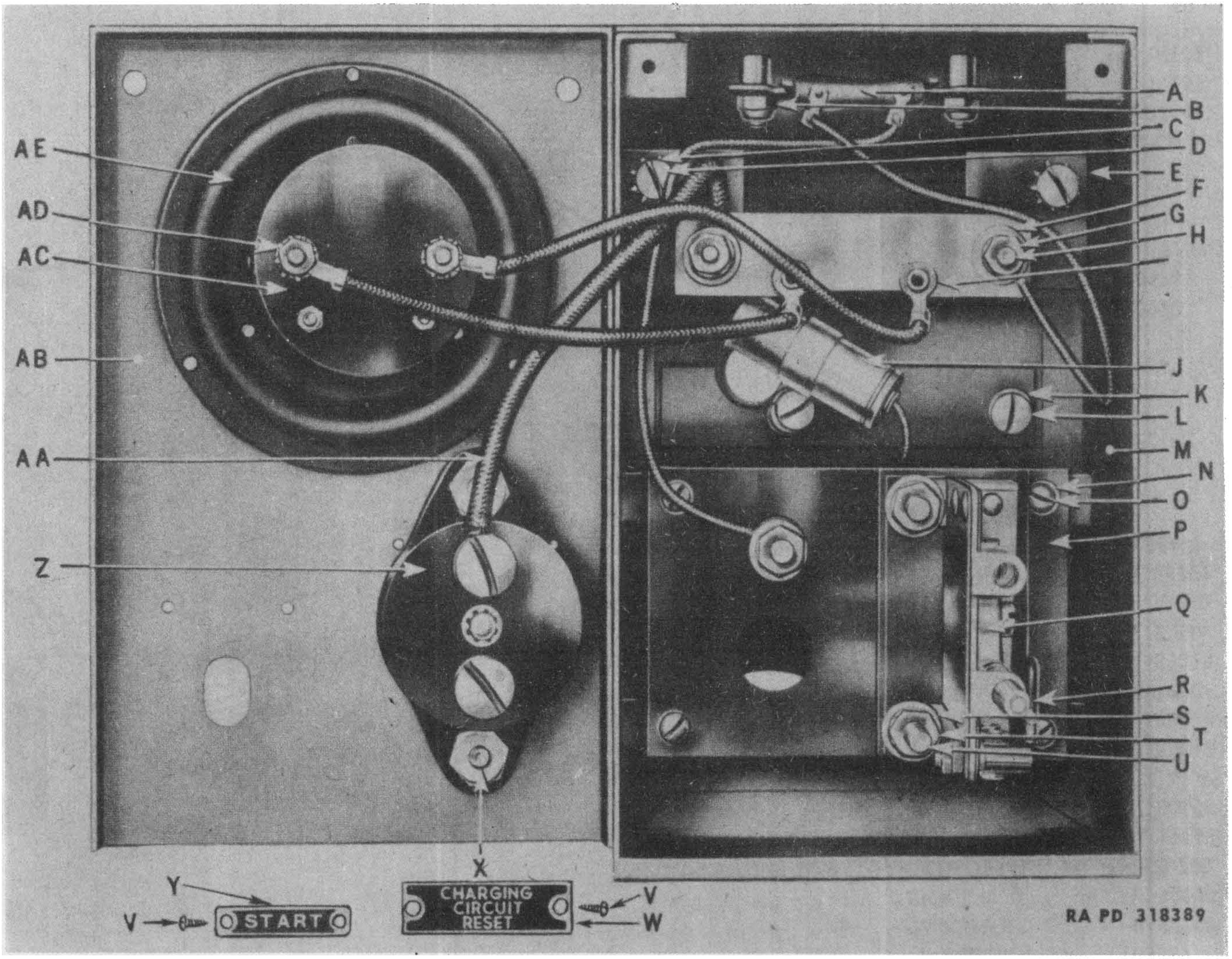



FIGURE 29-8 — AUXILIARY GENERATOR CONTROL BOX ASSEMBLY, HL-19738-A — INTERIOR VIEW

| Key | Item | Part Number | Group |
|---|---|---|---|
| A | RESISTOR | HL-AA-311 | 2967 |
| B | NUT | 503241 | 2967 |
| C | WASHER | 114616 | 2967 |
| D | SCREW | 114353 | 2967 |
| E | BLOCK | HL-19872 | 2967 |
| F | WASHER (furnished only as part of AMMETER, ass'y HL-19988-1) | | 2967 |
| G | NUT (furnished only as part of AMMETER, ass'y HL-19988-1) | | 2967 |
| H | SCREW (furnished only as part of AMMETER, ass'y HL-19988-1) | | 2967 |
| I | SHUNT (furnished only as part of AMMETER, ass'y HL-19988-1) | | 2967 |
| J | CONDENSER, ass'y | HL-S-719-1A | 2967 |
| K | WASHER | 103319 | 2967 |
| L | SCREW | BCCX1AR | 2967 |
| M | BOX (furnished only as part of BOX, ass'y HL-19738-A) | | 2967 |
| N | WASHER | 115544 | 2967 |
| O | SCREW | 113899 | 2967 |
| P | PANEL | HL-19743 | 2967 |
| Q | SWITCH, ass'y | HL-19521 | 2965 |
| R | JUMPER, ass'y | HL-AA-394 | 2967 |
| S | WASHER | 103339 | 2965 |
| T | NUT | 220064 | 2965 |
| U | SCREW | BCEX2AD | 2965 |
| V | SCREW (furnished only as part of BOX, ass'y HL-19738-A) | | 2967 |
| W | PLATE (furnished only as part of BOX, ass'y HL-19738-A) | | 2967 |
| X | PLATE (furnished only as part of BOX, ass'y HL-19738-A) | | 2967 |
| Y | SCREW (furnished only as part of BOX, ass'y HL-19738-A) | | 2967 |
| Z | SCREW | HL-83007 | 2967 |
| AA | NUT | HL-81010 | 2967 |
| AB | BREAKER, ass'y | HL-83007 | 2967 |
| AC | LEAD, ass'y | HL-AA-437 | 2967 |
| AD | COVER | HL-19739-2 | 2967 |
| AE | AMMETER, ass'y | HL-19988-1 | 2967 |
| AF | SCREW | HL-80007 | 2967 |
| AG | NUT (furnished only as part of AMMETER, ass'y HL-19988-1) | | 2967 |
| AH | WASHER (furnished only as part of AMMETER, ass'y HL-19988-1) | | 2967 |
| AI | MOUNT | HL-19794 | 2967 |
| AJ | LEAD (furnished only as part of AMMETER, ass'y HL-19988-1) | | 2967 |

RA PD 318389C

# GROUP 29 — AUXILIARY GENERATOR



| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1769748 | 29-4 | (HL-19619A) | | RING, retaining, auxiliary generator timer bracket sealing ring | 1 | |
| | G104-1769749 | 29-4 | (HL-19620) | | RING, sealing, auxiliary generator timer bracket | 1 | |
| | G104-3060150 | 29-1,4 | (WCE-X-4659) | | ROTOR, auxiliary generator magneto, assembly | 1 | |
| | | 29-5 | (WCE-M-87X) | | SCREW, auxiliary generator magneto stator bushing clamp | 1 | |
| | | 29-5 | (WCE-4216) | | SCREW, auxiliary generator magneto stator plate | 2 | |
| | G104-3067003 | 29-5 | (WCE-4759) | | SCREW, contact, auxiliary generator magneto stator spring | 1 | |
| | | 29-4 | (HL-19379-D1) | | SHAFT, intake valve, auxiliary generator engine | 1 | |
| | G104-3077100 | 29-4 | (HL-25024) | | SLEEVE, auxiliary generator engine suppressor | 1 | |
| | G104-0503205 | 29-4 | (HL-40177) | | SNAP RING, auxiliary generator engine intake valve shaft | 1 | |
| | G104-0503925 | 29-4 | (HL-19381B) | | SPACER, auxiliary generator magneto breaker cam | 1 | |
| | G104-0504005 | 29-4 | (HL-19385) | | SPACER, auxiliary generator magneto timer bracket | 1 | |
| | G104-0503905 | 29-4 | (HL-19380) | | SPACER, bearing, auxiliary generator engine intake valve shaft | 1 | |
| | G104-3082385 | 29-5 | (WCE-4754) | | SPRING, contact, auxiliary generator magneto stator stop button | 1 | |
| | G104-3086450 | 29-4 | (WCE-X-4729) | | STATOR, auxiliary generator magneto, assembly | 1 | |
| H-1 | H001-1017005 | 29-4 | (BCCX1AC) | BCCX1 | SCREW, cap, oval-fil-hd., S., ¼-20NC-2 x 1½ | 2 | |
| | G118-0443143 | 29-4 | (HL-83023) | | WASHER, lock, auxiliary generator magneto stator (external teeth, ¼ in.) | 2 | |
| | G104-1792851 | | (HL-19968) | | SUPPRESSOR, auxiliary generator engine high tension lead | 1 | |
| | G116-0401781 | 29-5 | (WCE-3219) | | WASHER, pivot, auxiliary generator magneto stator breaker | 1 | |

## 2965—AUXILIARY ENGINE IGNITION COIL, WIRING, SPARK PLUGS AND SWITCHES

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1515652 | 29-3 | (HL-AA-406) | | ADAPTER, auxiliary generator engine spark plug, assembly | 1 | |
| | G163-7005725 | 29-3 | 7005725 (HL-25470) | | GASKET, auxiliary generator engine spark plug | 1 | |
| | G104-1593946 | 29-3 | (HL-19860) | | GASKET, auxiliary generator engine spark plug adapter | 1 | |
| | M001-0109365 | 29-1,3 | A265349 (HL-19726) (CP-HO-14S) | A265349 | PLUG, spark, auxiliary generator engine, w/GASKET, assembly | 1 | |
| | G104-0504368 | 29-8 | (HL-19521) | | SWITCH, starting, auxiliary generator control box, assembly | 1 | |
| H-1 | H001-0718001 | 29-8 | 220064 | | NUT, reg., hex., s-fin., S., ¼-20NC-2 (BBAX1A) | 2 | |
| H-1 | H001-1010004 | 29-8 | BCEX2AD | BCEX2 | SCREW, cap, b-hd., S., ¼-20NC-2 x 1½ | 2 | |
| H-1 | H001-1530007 | 29-8 | 103339 | | WASHER, plain, S., ¼ in. (BEBX1G) | 2 | |

## 2967—AUXILIARY ENGINE AND/OR GENERATOR INSTRUMENTS, PANEL WIRING, CONTROL PANEL AND MOUNTINGS

| (1) NOTE SYMBOL | (2) STOCK NO. | (3) FIGURE NO. | (4) ORDNANCE OR MFGR. PART NO. | (5) ORDNANCE OR MFGR. DRG. NO. | (6) NOMENCLATURE | (7) QUANTITY PER UNIT ASSEMBLY | (8) UNIT PRICE |
|---|---|---|---|---|---|---|---|
| | G104-1507315 | 29-1,8 | (HL-19988-1) | | AMMETER, auxiliary generator switch control box, assembly (0-80) | 1 | |
| | G104-1781968 | 29-8 | (HL-80007) | | SCREW, auxiliary generator switch control box ammeter (rd-hd., br., No. 4-36NC x ⅜) | 3 | |
| | G104-2545044 | 29-8 | (HL-19872) | | BLOCK, insulating, auxiliary generator control box ammeter shunt | 2 | |
| H-1 | H001-1026124 | 29-8 | 114353 (GM-114353) | | SCREW, mach., oval-fil-hd., S., ¼-20NC-2 x ½ (BCFX2DF) | 2 | |
| H-1 | H001-1521005 | 29-8 | 114616 | | WASHER, lock, external teeth, ck., S., ¼ in. (BEAX4E) | 2 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | G104-2549053 | 29-7,8 | (HL-19738A) | | BOX, control, auxiliary generator, w/COVER, assembly | 1 |
| | G104-1526017 | 29-8 | (HL-19901) | | BREAKER, circuit, auxiliary generator control box, assembly | 1 |
| | G118-0314834 | 29-8 | (HL-81010) | | NUT, auxiliary generator control box circuit breaker to cover | 2 |
| | | 29-8 | (HL-83007) | | SCREW, auxiliary generator control box circuit breaker to cover | 2 |
| | G104-0500601 | 29-1,7 | (HL-S-844) | | BUTTON, knurled, auxiliary generator control box | 1 |
| | G104-1842917 | 29-7 | (HL-83025) | | WASHER, lock, auxiliary knurled button (internal teeth, No. 10) | 1 |
| | G104-1531721 | 29-8 | (HL-S-719-1A) | | CONDENSER, auxiliary generator control box, assembly | 1 |
| H-1 | H001-1017001 | 29-8 | BCCX1AR | BCCX1 | SCREW, cap, oval-fil-hd., S., ¼-20NC-2 x ⅜ | 2 |
| H-1 | H001-1518007 | 29-8 | 103319 | | WASHER, lock, reg., S., ¼ in. (BECX1G) | 2 |
| | | 29-7 | (HL-25822) | | CONNECTOR, bulkhead, auxiliary generator control box conduit (⅞ in.) | 1 |
| | G104-2580200 | 29-7,8 | (HL-19739-2) | | COVER, auxiliary generator control box | 1 |
| H-1 | H001-1024072 | 29-7 | 100920 | | SCREW, mach., oval-fil-hd., br., No. 8 (.164)-32NC-2 x ½ (BCFX4AE) | 2 |
| H-1 | H001-1518004 | 29-7 | 106496 | | WASHER, lock, reg., S., No. 8 (BECX1D) | 2 |
| | G104-0501836 | 29-8 | (HL-AA-394) | | JUMPER, ground, auxiliary generator control box, assembly | 1 |
| | G104-2849276 | 29-8 | (HL-AA-437) | | LEAD, auxiliary generator control switch box shunt to circuit breaker, assembly | 1 |
| | G104-1695742 | 29-8 | (HL-19794) | | MOUNT, auxiliary generator control box ammeter | 1 |
| | G104-3067018 | | (HL-80012) | | SCREW, auxiliary generator ammeter mount to cover (rd-hd., No. 6 (.138)-32NC x 3/16) | 3 |
| | G118-0314831 | | (HL-81013) | | NUT, auxiliary generator control box (hex., ¼-20NC) | 8 |
| | G118-0314834 | | (HL-81010) | | NUT, auxiliary generator control box (hex., No. 10 (.190)-32NF) | 4 |
| | G104-2932078 | 29-7 | (HL-19730) | | NUT, lock, auxiliary generator control box conduit (¾ in.) | 1 |
| H-1 | H001-0725030 | 29-8 | 503241 | | NUT, safety, m-screw., al-alloy; No. 8 (.164)-32NC-2 (auxiliary generator control box resistor) (BBSX1P) | 2 |
| | G104-2970025 | 29-8 | (HL-19743) | | PANEL, auxiliary generator control box | 1 |
| H-1 | H001-1030081 | 29-8 | 113899 | | SCREW, mach., rd-hd., S., No. 8 (.164)-32NC-2 x 7/16 (BCNX1FF) | 4 |
| H-1 | H001-1519006 | 29-8 | 115544 | | WASHER, lock, internal teeth, S., No. 8 (BEAX1E) | 4 |
| | G118-0367622 | 29-8 | (HL-AA-311) | | RESISTOR, auxiliary generator control switch box, assembly (Includes: NUTS and SCREWS) | 1 |
| | G104-1781965 | | (HL-80041) | | SCREW, auxiliary generator control box ammeter shunt to insulator (fil-hd., No. 10 (.190)-32NF x 1) | 2 |
| H-1 | H001-1026074 | | 100714 | | SCREW, mach., oval-fil-hd., S., No. 8 (.164)-32NC-2 x ¾ (auxiliary generator control box resistor) (BEFX2AH) | 2 |
| | G118-0392214 | 29-1,2 | (HL-S-637-1) | | STRAP, ground, auxiliary generator, assembly | 1 |
| | G104-1842903 | | (HL-83034) | | WASHER, lock, auxiliary generator ground strap (external teeth, S., ⅜ in.) | 1 |
| | G118-0443140 | | (HL-83008) | | WASHER, lock, auxiliary generator control box (No. 4) | 3 |
| | G118-0443141 | | (HL-83004) | | WASHER, lock, auxiliary generator control box (No. 6) | 3 |
| | G118-0443137 | | (HL-83009) | | WASHER, lock, auxiliary generator control box (cd-pltd., S., ¼ in.) | 6 |
| | G118-0443143 | | (HL-83020) | | WASHER, lock, auxiliary generator control box (external teeth, ¼ in.) | 14 |
| | | | (HL-83029) | | WASHER, lock, auxiliary generator control box (external teeth, No. 8) | 2 |
| | G104-1842918 | | (HL-83026) | | WASHER, lock, auxiliary generator control box (external teeth, No. 10) | 4 |

## MAINTENANCE TOOLS FOR ORDNANCE PERSONNEL

The tools required for Ordnance organizations for the maintenance of the TANK, MEDIUM, M4A1, 76-MM GUN, WET are listed in ORD 6 SNL G-27, "Tools, Maintenance, for Repair of Motor Vehicles," and are issued as required.

## MAINTENANCE PARTS FOR ARMAMENT, SIGHTING AND FIRE CONTROL EQUIPMENT

| | For Maintenance Parts see ADDENDUM for the following SNL's: |
|---|---|
| BINOCULAR, M13 | SNL F-210 |
| CARBINE, Cal. .30, M1 | SNL B-28 |
| GUN, 76-mm, M1A2 | SNL C-64 |
| GUN, Machine, Cal. .50, Browning, M2, HB, flexible | SNL A-39 |
| GUN, Machine, Cal. .30, Browning, M1919A4, flexible | SNL A-6 |
| GUN, Submachine, Cal. .45, M3 | SNL A-58 |
| LAUNCHER, Grenade, M8 | SNL B-39 |
| LIGHT, Instrument, M30 | SNL F-205 |
| LIGHT, Instrument, M32 | SNL F-205 |
| LIGHT, Instrument, M33 | SNL F-205 |
| MOUNT, Combination, M62 | SNL C-64 |
| MOUNT, Machine Gun, Cal. .50 (D80030) | SNL A-55 |
| MOUNT, Machine Gun, Cal. .30 (D82255A) | SNL A-55 |
| MOUNT, Periscope, T116 | SNL F-312 |
| MOUNT, Telescope, M57 | SNL F-294 |
| MOUNT, Tripod, Machine Gun, Cal. .30, M2 | SNL A-6 |
| PERISCOPE, M4A1 | SNL F-235 |
| PERISCOPE, M6 | SNL F-235 |
| PERISCOPE, M8A1 | SNL F-235 |
| POST, Aiming, M1 | SNL F-35 |
| QUADRANT, Elevation, M9 | SNL F-281 |
| QUADRANT, Gunners, M1 | SNL F-140 |
| SETTER, fuze, M14 | SNL F-245 |
| TELESCOPE, M70H | SNL F-235 |
| TELESCOPE, M71D | SNL F-235 |

### NOTES

$\phi$ — The major item indicated by ($\phi$) is stored, issued and reviewed under "Major Items," ORD 3 SNL G-1.

W — (a) Items indicated by (W) are non-expendable.
(b) Items **not** marked by (W) are expendable.

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## FIGURE INDEX (Cont.)

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX

This index is prepared in strict numerical sequence; that is, all letters or dashes prefixed, suffixed or interspersed in the numbers are disregarded. For instance, AY-3T-8 is in sequence as 38, but the complete number AY-3T-8, including the manufacturer's symbol as the prefix, is shown in the listing. Further all Ordnance numbers are identified by the prefix "ORD" in this index but not in the body of the book. Ordnance Standard Part Numbers are not included in this index as such parts appear in too many groups to be of value in an index.



● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

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| WR-63D31 | 0601.8 |
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| BS-P6581 | 0301 |
| BS-P6587 | 0301 |
| BS-P6592 | 0301 |
| BS-P6668 | 0301 |
| LPE-667-4 | 0201 |
| BS-P6869 | 0301 |
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| VR-6951 | 0304 |
| VR-7046 | 0304 |
| VR-7054 | 0304 |
| VR-7093 | 0304 |
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| HL-S-719-1A | 2967 |
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| AL-8X-311 | 0602 |
| AL-8X-357 | 0601.1 |
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| BS-P8508 | 0301 |
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| ORD-E8522 | 1002 |
| ORD-E8543 | 1001 |
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● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

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| SCI-2-141-6 | 0604.11 |
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| HL-83034 | 2967 |
| HL-83041 | 2912 |
| HL-83042 | 2911 |
| EC-83157 | 0603.8 |
| HL-84004 | 2961 |
| BO-FP84791 | 0604.15 |
| ORD-C84811 | 1801 |
| ORD-C84928 | 1905.2 |
| ORD-C84929 | 1905.2 |
| ORD-C84930 | 1905.1 |
| ORD-C84931 | 1905.2 |
| NP-C-85005 | 1905.2 |
| NP-S-85009 | 1905.2 |
| NP-B-85011 | 1905.2 |
| NP-A-85012 | 1905.2 |
| NP-B-85013 | 1905.2 |
| NP-B-85014 | 1905.2 |
| NP-B-85015 | 1905.2 |
| NP-B-85016 | 1905.2 |
| NP-B-85018 | 1905.2 |
| NC-C-85019 | 1905.2 |
| NP-C-85020 | 1905.2 |
| NP-C-85021 | 1905.2 |
| NP-A-85024 | 1905.2 |
| NP-B-85025 | 1905.2 |
| NP-B-85026 | 1905.2 |
| ND-WC-87026 | 1905.2 |
| NP-B-85031 | 1905.2 |
| NP-B-85039 | 1905.2 |
| NP-D-85041 | 1905.2 |
| NP-A-85043 | 1905.1 |
| NP-B-85045 | 1905.2 |
| NP-B-85046 | 1905.1 |
| NP-C-85047 | 1905.1 |
| NP-B-85055 | 1905.1 |
| NP-B-85056 | 1905.2 |
| NP-85058 | 1905.2 |
| NP-A-85066 | 1905.1 |
| NP-D-85077 | 1905.1 |
| NP-C-85078 | 1905.1 |
| NP-C-85079 | 1905.1 |
| NP-B-85081 | 1905.2 |
| NP-B-85082 | 1905.2 |
| NP-B-85083 | 1905.2 |
| NP-B-85084 | 1905.2 |
| NP-B-85085 | 1905.2 |
| ORD-C85088 | 0106.3 |
| NP-B-85090 | 1905.2 |
| NP-B-85093 | 1905.1 |
| NP-B-85097 | 1905.1 |
| NP-B-85098 | 1905.1 |
| NP-B-85099 | 1905.1 |
| NP-C-85102 | 1905.1 |
| NP-B-85103 | 1905.1 |
| NP-B-85104 | 1905.1 |
| NP-B-85105 | 1905.1 |
| NP-B-85106 | 1905.2 |
| NP-B-85107 | 1905.1 |
| NP-B-85108 | 1905.1 |
| NP-B-85110 | 1905.1 |
| NP-A-85111 | 1905.2 |
| NP-B-85113 | 1905.1 |
| NP-B-85114 | 1905.1 |
| NP-A-85117 | 1905.1 |
| NP-A-85118 | 1905.1 |
| NP-A-85118 | 1905.2 |
| NP-B-85119 | 1905.1 |
| NP-B-85120 | 1905.1 |
| NP-85121 | 1905.1 |
| NP-A-85121 | 1905.2 |
| NP-B-85123 | 1905.1 |
| NP-B-85124 | 1905.1 |
| ● ORD-C85164 | 1303 |
| BO-WA86754 | 0604.15 |
| EC-88257 | 0601.8 |
| EC-88258 | 0601.8 |
| ND-88507 | 2913 |
| ND-88603 | 29641. |
| SP-89-12-1 | 0704 |
| SP-89-12-2 | 0704 |
| SP-89-19-9 | 0702.2 |
| SP-89-24-9 | 0704 |
| HL-89293 | 2961 |
| HL-89294 | 2961 |
| SP-89-30-3 | 0702.3 |
| SP-89-30-5 | 0702.2 |
| EC-89320 | 0603.8 |
| SP-89-360J | 0702.1 |
| SP-89-363-J | 0701 |
| SP-89-471 | 0704 |
| SP-89-59-2 | 0702.2 |
| SP-89-60-5 | 0702.3 |
| SP-89-66-7 | 0704 |
| SP-89-66-9 | 0704 |
| SP-89-67-6 | 0704 |
| SP-89-69-1 | 0704 |
| SP-89-701-W | 0702.1 |
| SP-89-701-W | 0702.2 |
| SP-89-701-W | 0702.3 |
| SP-89-701W | 2208.1 |
| SP-89-702-W | 0702.1 |
| SP-89-835-D | 0704 |
| SP-89-96-4 | 0701 |
| ORD-D89999 | 2914 |
| ORD-D90002 | 2935 |
| ORD-D90003 | 0601.1 |
| ORD-D90009 | 1903.18 |
| ORD-D90011 | 1808 |
| ORD-D90013 | 1903.18 |
| ORD-D90014 | 1808 |
| ORD-D90016 | 1808 |
| ORD-D90025 | 1901.31 |
| ORD-D90039 | 1906 |
| ORD-C90163 | 0105.2 |
| ORD-C90164 | 0109.5 |
| ORD-C90258 | 0311 |
| ORD-C90259 | 0311 |
| ORD-C90268 | 0311 |
| ORD-C90319 | 0109.6 |
| ORD-C90428 | 0102 |
| ORD-C90429 | 0102 |
| ORD-C90431 | 0601.8 |
| ORD-C90436 | 0109.2 |
| ORD-C90445 | 0604.58 |
| EC-90662 | 0603.8 |
| ORD-C91123 | 0308 |
| ORD-C91124 | 0308 |
| ORD-C91125 | 0308 |
| EC-91186 | 0603.8 |
| EC-91209 | 0603.8 |
| ORD-C91229 | 0104 |
| EC-91810 | 0601.8 |
| ORD-C92049 | 0302.1 |
| ORD-C92113 | 0604.15 |
| ORD-C92116 | 0604.15 |
| ORD-C92117 | 0604.15 |
| ORD-C92118 | 0604.15 |
| ORD-C92119 | 0604.15 |
| ORD-C92120 | 0604.15 |
| ORD-C92122 | 0604.15 |
| ORD-C92123 | 0604.15 |
| ORD-C92125 | 0604.15 |
| ORD-C92127 | 0604.15 |
| ORD-C92129 | 0604.15 |
| ORD-C92131 | 0604.15 |
| ORD-C92135 | 0604.15 |
| EC-92391 | 0603.8 |
| SP-9326-1-SF | 0900 |
| BO-WA-94018 | 0604.15 |
| ORD-D94597 | 1903.15 |
| ORD-D94598 | 1903.15 |
| ORD-D94605 | 1903.15 |
| ORD-D94606 | 1903.15 |
| ORD-D94607 | 1903.15 |
| ● ORD-C95129 | 1301 |
| ORD-C95134 | 0106.2 |
| ● ORD-C95147 | 1304 |
| ORD-C95150 | 0202 |
| ORD-C95154 | 0201 |
| ORD-C95155 | 0201 |
| ● ORD-C95163 | 1301 |
| ORD-C95165 | 1905.7 |
| ORD-C95166 | 1905.7 |
| ORD-C95184 | 1905.3 |
| ORD-C95185 | 1905.3 |
| ORD-C95186 | 1905.3 |

● *Refer to the proper group 13, there is one for each type suspension.*

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● *Refer to the proper group 13, there is one for each type suspension.*

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| Part No. | Group |
|---|---|
| ORD-C122095 | 1803.2 |
| ORD-C122179 | 0609.2 |
| EC-122882 | 0603.8 |
| ORD-C127165 | 0301 |
| ORD-C127166 | 0301 |
| ORD-C129787 | 0604.11 |
| ORD-C129797 | 0604.11 |
| ORD-A130768 | 0201 |
| ORD-A130803 | 1805 |
| ORD-A130804 | 1805 |
| ● ORD-B132704AB | 1301 |
| ORD-B132999 | 0100 |
| ORD-C135772 | 2401 |
| ORD-C135773 | 2401 |
| ● ORD-C135841A | 1301 |
| ● ORD-C135841B | 1301 |
| ● ORD-C135843 | 1301 |
| ● ORD-C135844 | 1301 |
| ● ORD-C135845 | 1301 |
| ● ORD-C135847 | 1301 |
| ● ORD-C135848 | 1302 |
| ● ORD-C135849 | 1302 |
| ● ORD-C135850 | 1302 |
| ● ORD-C135852 | 1302 |
| ● ORD-C135855 | 1302 |
| ● ORD-C135856 | 1302 |
| ● ORD-C135857 | 1302 |
| ● ORD-C135859 | 1302 |
| ● ORD-C135860 | 1303 |
| ● ORD-C135861 | 1303 |
| ● ORD-C135862 | 1303 |
| ● ORD-C135866 | 1305 |
| ● ORD-C135867 | 1304 |
| ORD-C136120 | 2914 |
| ORD-C136127 | 0613.1 |
| ORD-C136134 | 0613.1 |
| ORD-C136137 | 0613.1 |
| ORD-C136138 | 0613.1 |
| ORD-C136139 | 0900 |
| ORD-C136140 | 0613.1 |
| ORD-C136143 | 0613.1 |
| ORD-C136145 | 0613.2 |
| ORD-C136145 | 0614 |
| ORD-C136150 | 0613.1 |
| ORD-C136171 | 0613.1 |
| ORD-C136172 | 0306 |
| ORD-C136173 | 0613.1 |
| ORD-C136174 | 0613.1 |
| ORD-C136175 | 0613.1 |
| ORD-C136177 | 0613.1 |
| ORD-C136180 | 0605 |
| ORD-C136184 | 0613.1 |
| ORD-C136186 | 0608 |
| ORD-C136192 | 0613.2 |
| ORD-C136205 | 2914 |
| ORD-A136505 | 2937 |
| ORD-C136592 | 0106.6 |
| ORD-C356597 | 0106.6 |
| ORD-C136598 | 0106.6 |
| ORD-C137705 | 0401 |
| ORD-C137706 | 0401 |
| ● ORD-C139817 | 1305 |
| ● ORD-A140329 | 1303 |
| ORD-B141506 | 2208.1 |
| ORD-B141506 | 2208.2 |
| ORD-B141536 | 1401 |
| ● ORD-A143824 | 1301 |
| ORD-C144899 | 1905.2 |
| ORD-A146133 | 0108 |
| ORD-C152331 | 0613.2 |
| ORD-C152367 | 1808 |
| ORD-C152380 | 1901.21 |
| ORD-C152381 | 1901.21 |
| ORD-C152408 | 1901.21 |
| ORD-C152418 | 1903.25 |
| ORD-C152432 | 0613.2 |
| ORD-C152436C | 0613.2 |
| ORD-C152436G | 0613.2 |
| ORD-C152436H | 0613.2 |
| ORD-C152436L | 0613.2 |
| ORD-C152436M | 0613.2 |
| ORD-C152436N | 0613.2 |
| ORD-C152436P | 0613.2 |
| ORD-C152436Q | 0613.2 |
| ORD-C152436T | 0613.2 |
| ORD-C152436W | 0613.2 |
| ORD-C152466 | 1906 |
| ● ORD-B152538 | 1303 |
| ORD-C152711 | 0613.2 |
| ORD-C152749 | 0613.2 |
| ORD-C152750 | 0613.2 |
| ORD-C152803 | 1903.25 |
| ORD-C152905 | 2941 |
| ORD-C152906B | 2914 |
| ORD-C152907A | 0613.1 |
| ORD-C152907B | 0613.1 |
| ORD-C152907C | 0613.1 |
| ORD-C152907D | 0613.1 |
| ORD-C152907E | 0613.1 |
| ORD-C152907F | 0613.1 |
| ORD-C152907H | 0608 |
| ORD-B152970 | 0603.8 |
| ORD-B152976 | 0603.8 |
| ORD-B152979 | 0603.8 |
| ORD-C153074 | 1903.11 |
| ORD-B153150 | 0102 |
| ORD-B153582 | 0201 |
| ● ORD-B153965 | 1301 |
| ● ORD-B153966 | 1301 |
| ● ORD-B153980 | 1301 |
| ● ORD-B154105 | 1303 |
| ORD-B154481B | 0103 |
| ORD-B154482 | 0100 |
| ORD-B154482 | 0101.3 |
| ORD-B154483 | 0101.5 |
| ORD-B154484A | 0105.1 |
| ORD-B154484B | 0105.1 |
| ORD-B154484C | 0105.1 |
| ORD-B154484D | 0105.1 |
| ORD-B154484E | 0105.1 |
| ORD-B154484F | 0105.1 |
| ORD-B154485 | 0105.1 |
| ORD-B154485B | 0105.1 |
| ORD-B154485C | 0105.1 |
| ORD-B154485F | 0105.1 |
| ORD-B154486 | 0105.1 |
| ORD-B154486B | 0105.1 |
| ORD-B154486C | 0105.1 |
| ORD-B154486D | 0105.1 |
| ORD-B154486E | 0105.1 |
| ORD-B154486F | 0105.1 |
| ORD-B154487 | 0105.2 |
| ORD-B154488 | 0106.11 |
| ORD-B154495 | 0109.2 |
| ORD-B154496 | 0109.2 |
| ORD-B154499 | 2208.2 |
| ORD-B154500 | 2208.2 |
| ORD-B154501 | 0101.1 |
| ORD-B154502 | 0102 |
| ORD-B154503 | 0102 |
| ORD-B154506 | 0101.3 |
| ORD-B154506 | 0109.5 |
| ORD-B154511 | 0100 |
| ORD-B154511 | 0109.1 |
| ORD-A154512 | 0109.1 |
| ORD-B154513 | 0100 |
| ORD-B154513 | 0604.11 |
| ORD-B154513 | 0604.15 |
| ORD-B154515 | 0109.1 |
| ORD-B154516 | 0301 |
| ORD-B154516 | 0304 |
| ORD-B154517 | 0103 |
| ORD-B154519 | 0109.2 |
| ORD-B154522 | 0109.4 |
| ORD-B154523 | 0102 |
| ORD-B154524 | 0105.1 |
| ORD-B154527 | 0109.1 |
| ORD-B154533 | 0109.4 |
| ORD-B154536 | 0106.11 |
| ORD-B154539 | 0106.11 |
| ORD-B154543 | 0109.1 |
| ORD-B154546 | 0102 |
| ORD-B154547 | 0106.11 |
| ORD-B154549 | 0106.11 |
| ORD-B154550 | 0106.11 |
| ORD-B154551 | 0105.2 |
| ORD-B154556 | 0105.1 |
| ORD-B154557 | 0105.1 |
| ORD-B154560 | 0106.11 |
| ORD-B154565 | 0105.2 |
| ORD-B154566 | 0105.2 |
| ORD-B154567 | 0104 |
| ORD-B154568 | 0105.1 |
| ORD-B154569 | 0105.2 |
| ORD-B154572 | 0106.11 |
| ORD-B154574 | 0105.1 |
| ORD-B154575 | 0105.1 |
| ORD-B154576 | 0102 |
| ORD-B154577 | 0101.1 |
| ORD-B154578 | 0105.2 |
| ORD-B154580 | 0105.1 |
| ORD-B154581 | 0105.1 |
| ORD-B154585E | 0105.1 |
| ORD-B154596 | 0101.1 |
| ORD-B155581 | 0109.3 |
| ORD-B155909B | 0604.51 |
| ORD-B156916 | 0201 |
| ORD-B156928 | 0202 |
| ORD-B156934 | 0202 |

● *Refer to the proper group 13, there is one for each type suspension.*

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● *Refer to the proper group 13, there is one for each type suspension.*

| Part No. | Group |
|---|---|
| ORD-A165155 | 0106.11 |
| ORD-A165159 | 0109.1 |
| ORD-A165164 | 0100 |
| ORD-A165164 | 0106.6 |
| ORD-A165165 | 0109.1 |
| ORD-A165167 | 0106.11 |
| ORD-A165173 | 0311 |
| ORD-A165175 | 0103 |
| ORD-A165180 | 0109.1 |
| ORD-A165186 | 0109.5 |
| ORD-A165186B | 0109.5 |
| ORD-A165186C | 0109.5 |
| ORD-A165186D | 0109.5 |
| ORD-A165187 | 2208.2 |
| ORD-A165187A | 0101.3 |
| ORD-A165187B | 0101.3 |
| ORD-A165187B | 2208.2 |
| ORD-A165187C | 0101.3 |
| ORD-A165187C | 2208.2 |
| ORD-A165187D | 0101.3 |
| ORD-A165187D | 2208.2 |
| ORD-A165188 | 0109.6 |
| ORD-A165189 | 2208.2 |
| ORD-A165189B | 2208.2 |
| ORD-A165189C | 2208.2 |
| ORD-A165189D | 2208.2 |
| ORD-A165190A | 0101.4 |
| ORD-A165190B | 0101.4 |
| ORD-A165190C | 0101.4 |
| ORD-A165190D | 0101.4 |
| ORD-A165194B | 0604.11 |
| ORD-A165194C | 0604.11 |
| ORD-A165195A | 0604.11 |
| ORD-A165195B | 0604.11 |
| ORD-A165195C | 0604.11 |
| ORD-A165196 | 0108 |
| ORD-A165196 | 0109.1 |
| ORD-A165196 | 0109.2 |
| ORD-A165196B | 0108 |
| ORD-A165196B | 0109.1 |
| ORDA-165196B | 0190.2 |
| ORD-A165196C | 0109.1 |
| ORD-A165196C | 0109.2 |
| ORD-A165196D | 0109.1 |
| ORD-A165196D | 0109.2 |
| ORD-A165197 | 0101.3 |
| ORD-A165197 | 0109.2 |
| ORD-A165197B | 0101.3 |
| ORD-A165197B | 0109.5 |
| ORD-A165197C | 0101.3 |
| ORD-A165197C | 0109.5 |
| ORD-A165197D | 0101.3 |
| ORD-A165197D | 0109.5 |
| ORD-A165200A | 0101.1 |
| ORD-A165200B | 0101.1 |
| ORD-A165200C | 0101.1 |
| ORD-A165200D | 0101.1 |
| ORD-A165201 | 0101.3 |
| ORD-A165201B | 0101.3 |
| ORD-A165201C | 0101.3 |
| ORD-A165201D | 0101.3 |
| ORD-A165202 | 0101.1 |
| ORD-A165202B | 0101.1 |
| ORD-A165202C | 0101.1 |
| ORD-A165202D | 0101.1 |
| ORD-A165205 | 0108 |
| ORD-A165205A | 0101.3 |
| ORD-A165205B | 0101.3 |
| ORD-A165205B | 0108 |
| ORD-A165205C | 0101.3 |
| ORD-A165205C | 0108 |
| ORD-A165205D | 0101.3 |
| ORD-A165205D | 0108 |
| ORD-A165206 | 0101.1 |
| ORD-A165206B | 0101.1 |
| ORD-A165206C | 0101.1 |
| ORD-A165208 | 0106.6 |
| ORD-A165209 | 0102 |
| ORD-A165212 | 0100 |
| ORD-A165212 | 0105.2 |
| ORD-A165214 | 0102 |
| ORD-A165215 | 0101.3 |
| ORD-A165218 | 0102 |
| ORD-A165219 | 0104 |
| ORD-A165221 | 0102 |
| ORD-A165223A | 0109.1 |
| ORD-A165223B | 0109.1 |
| ORD-A165223C | 0109.1 |
| ORD-A165223D | 0109.1 |
| ORD-A165225 | 0101.2 |
| ORD-A165225A | 0106.6 |
| ORD-A165225A1 | 0311 |
| ORD-A165225A1 | 0106.6 |
| ORD-A165225A3 | 0106.5 |
| ORD-A165225A6 | 0106.5 |
| ORD-A165225AE | 0106.5 |
| ORD-A165225B | 0106.11 |
| ORD-A165225D | 0605 |
| ORD-A165226 | 0108 |
| ORD-A165233 | 0100 |
| ORD-A165233 | 0101.3 |
| ORD-A165233 | 0109.5 |
| ORD-A165235 | 0105.2 |
| ORD-A165236 | 0100 |
| ORD-A165237 | 0105.1 |
| ORD-A165238 | 0100 |
| ORD-A165238 | 0108 |
| ORD-A165243 | 0106.6 |
| ORD-A165244 | 0106.6 |
| ORD-A165247 | 0106.6 |
| ORD-A165248 | 0106.6 |
| ORD-A165250 | 0100 |
| ORD-A165250 | 0109.5 |
| ORD-A165251 | 0109.5 |
| ORD-A165252 | 0109.3 |
| ORD-A165254 | 0109.3 |
| ORD-A165255 | 0102 |
| ORD-A165256 | 0108 |
| ORD-A165257 | 0100 |
| ORD-A165257 | 0108 |
| ORD-A165258 | 0106.6 |
| ORD-A165260 | 0100 |
| ORD-A165260 | 0109.6 |
| ORD-A165261 | 0104 |
| ORD-A165261 | 0308 |
| ORD-A165262 | 0100 |
| ORD-A165262 | 0301 |
| ORD-A165262 | 0308 |
| ORD-A165264 | 0109.3 |
| ORD-A165265 | 0101.4 |
| ORD-A165267 | 2208.2 |
| ORD-A165268 | 2208.2 |
| ORD-A165269 | 0105.2 |
| ORD-A165271 | 0100 |
| ORD-A165271 | 2208.2 |
| ORD-A165274 | 0105.2 |
| ORD-A165275 | 0105.2 |
| ORD-A165276 | 0100 |
| ORD-A165276 | 0101.3 |
| ORD-A165276 | 0109.5 |
| ORD-A165278 | 0109.4 |
| ORD-A165279 | 0109.3 |
| ORD-A165280 | 0109.5 |
| ORD-A165281 | 0109.3 |
| ORD-A165282 | 0109.1 |
| ORD-A165283 | 0109.1 |
| ORD-A165285 | 0100 |
| ORD-A165285 | 0101.3 |
| ORD-A165286 | 0101.3 |
| ORD-A165287 | 0101.3 |
| ORD-A165288 | 0109.1 |
| ORD-A165289 | 0102 |
| ORD-A16529 | 0109.1 |
| ORD-A165293 | 0104 |
| ORD-A165295 | 0106.6 |
| ORD-A165296 | 0100 |
| ORD-A165296 | 0108 |
| ORD-A165297 | 0109.1 |
| ORD-A165299 | 0105.1 |
| ORD-A165300 | 0106.11 |
| ORD-A165301 | 0109.4 |
| ORD-A165304 | 0106.11 |
| ORD-A165305 | 0104 |
| ORD-A165306 | 0106.6 |
| ORD-A165307 | 0106.6 |
| ORD-A165308 | 0109.2 |
| ORD-A165309 | 0109.2 |
| ORD-A165310 | 0109.2 |
| ORD-A165313 | 0109.2 |
| ORD-A165317 | 0102 |
| ORD-A165319 | 0100 |
| ORD-A165319 | 0109.4 |
| ORD-A165320 | 0109.4 |
| ORD-A165321 | 0101.4 |
| ORD-A165322 | 0109.4 |
| ORD-A165326 | 0100 |
| ORD-A165326 | 0109.2 |
| ORD-A165333 | 0106.11 |
| ORD-A165334 | 0109.4 |
| ORD-A165338 | 0105.2 |
| ORD-A165341 | 0109.4 |
| ORD-A165342 | 0109.4 |
| ORD-A165344 | 0100 |
| ORD-A165347 | 0106.11 |
| ORD-A165348 | 0106.11 |
| ORD-A165349 | 0106.11 |
| ORD-A165351 | 0105.2 |
| ORD-A165353 | 0109.4 |
| ORD-A165354 | 0102 |

● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)

| Part No. | Group |
|---|---|
| ORD-A165356 | 0102 |
| ORD-A165357 | 0102 |
| ORD-A165360 | 0100 |
| ORD-A165360 | 0106.11 |
| ORD-A165362 | 0105.1 |
| ORD-A165367 | 0100 |
| ORD-A165367 | 2208.2 |
| ORD-A165368 | 0105.2 |
| ORD-A165378 | 0105.2 |
| ORD-A165384 | 0109.1 |
| ORD-A165385 | 0109.1 |
| ORD-A165388 | 2208.2 |
| ORD-A165389 | 0105.2 |
| ORD-A165390 | 0105.2 |
| ORD-A165392 | 0105.2 |
| ORD-A165393 | 0105.2 |
| ORD-A165394 | 0100 |
| ORD-A165394 | 0105.2 |
| ORD-A165398 | 0109.4 |
| ORD-A165400 | 0105.1 |
| ORD-A165403 | 0105.1 |
| ORD-A165435 | 0102 |
| ORD-A165571 | 1901.35 |
| ORD-A165609 | 0601.8 |
| ORD-A165617 | 0601.8 |
| ORD-A165641 | 0601.8 |
| ORD-A165642 | 0601.8 |
| ORD-A166054 | 0613.2 |
| ● ORD-A166120 | 1302 |
| ● ORD-A166122 | 1302 |
| ● ORD-A166123 | 1302 |
| ORD-B166326 | 0604.11 |
| ORD-B166329 | 0604.11 |
| ORD-B166331 | 0604.11 |
| ORD-B166332 | 0604.11 |
| ORD-B166333 | 0604.11 |
| ORD-B166336 | 0604.11 |
| ORD-B166337 | 0604.11 |
| ORD-B166338 | 0604.11 |
| ORD-B166339 | 0604.11 |
| ORD-B166340 | 0604.11 |
| ORD-B166341 | 0604.11 |
| ORD-B166346 | 0604.11 |
| ORD-B166360 | 0604.11 |
| ORD-B166364 | 0604.11 |
| ORD-B166388 | 0604.11 |
| ORD-B166389 | 0604.11 |
| ORD-B166390 | 0604.11 |
| ORD-B166391 | 0604.11 |
| ORD-B166392 | 0604.11 |
| ORD-B166393 | 0604.11 |
| ORD-B166394 | 0604.11 |
| ORD-B166395 | 0604.11 |
| ORD-B166401 | 0604.11 |
| ORD-B166507 | 0604.11 |
| ORD-B166511 | 0604.11 |
| ORD-B166512 | 0604.11 |
| ORD-A166531 | 0601.8 |
| ORD-A166543 | 0603.8 |
| ORD-A166574 | 0603.8 |
| ORD-A166668 | 0601.8 |
| ORD-B167533 | 0304 |
| ORD-B167534 | 0109.3 |
| ORD-B167536 | 0106.6 |
| ORD-B167539 | 0105.2 |
| ORD-B167540 | 010 |
| ORD-B167540 | 0105.2 |
| ORD-B167541 | 0109.3 |
| ORD-B167544 | 2208.2 |
| ORD-B167545 | 0105.2 |
| ORD-B167547 | 0301 |
| ORD-B167548 | 0101.4 |
| ORD-B167570 | 0601.1 |
| ORD-B167889 | 0103 |
| ORD-B167956 | 0502 |
| ● ORD-B168446A | 1301 |
| ● ORD-B168525 | 1301 |
| ORD-B168535A | 0100 |
| ORD-B168535B | 0100 |
| ORD-B168538 | 0100 |
| ORD-A169120 | 0202 |
| ORD-B169294 | 0102 |
| ORD-A169303 | 0200 |
| ORD-A169303 | 0201 |
| ORD-A169303 | 0505 |
| ORD-A169659 | 0201 |
| ORD-A169660 | 0201 |
| ORD-A169767AA | 0201 |
| ORD-A169767AB | 0201 |
| ORD-A169767D | 1903.15 |
| ORD-A169767H | 0201 |
| ORD-A169767M | 0201 |
| ORD-A169767Q | 0201 |
| ORD-A169767U | 0201 |
| ORD-A169794 | 0201 |
| ORD-B170148 | 0100 |
| ORD-B170148 | 0101.5 |
| ORD-B170157 | 0104 |
| ORD-B170160 | 0106.6 |
| ORD-B170176 | 0605 |
| ORD-B170284 | 0601.8 |
| ORD-B170290A | 0101.5 |
| ORD-B170290B | 0101.5 |
| ORD-B170290C | 0101.5 |
| ORD-B170290D | 0101.5 |
| ORD-B170291 | 0101.5 |
| ORD-B170291C | 0101.5 |
| ORD-B170291D | 0101.5 |
| ORD-B170331 | 0102 |
| ORD-B170332A | 0108 |
| ORD-B170332B | 0108 |
| ORD-B170332C | 0108 |
| ORD-B170332D | 0108 |
| ORD-B170655 | 2401 |
| ORD-A171028 | 0106.11 |
| ORD-A171074 | 0106.15 |
| ORD-A171092 | 0106.15 |
| ORD-A171092 | 0109.6 |
| ORD-A171092 | 2208.2 |
| ORD-A171093 | 0502 |
| ORD-A171094 | 0102 |
| ORD-A171095 | 0109.2 |
| ORD-A171097 | 0106.15 |
| ORD-A171098 | 0301 |
| ORD-A171100 | 0101.3 |
| ORD-A171103 | 0106.15 |
| ORD-A171104 | 0109.5 |
| ORD-A171105 | 0601.8 |
| ORD-A171106 | 0601.8 |
| ORD-A171107 | 0101.1 |
| ORD-A171107 | 0101.2 |
| ORD-A171107 | 0101.3 |
| ORD-A171107 | 0101.5 |
| ORD-A171107 | 0102 |
| ORD-A171107 | 0106.11 |
| ORD-A171107 | 0106.6 |
| ORD-A171107 | 0108 |
| ORD-A171107 | 0109.2 |
| ORD-A171107 | 0109.5 |
| ORD-A171107 | 0301 |
| ORD-A171107 | 0311 |
| ORD-A171107 | 2208.2 |
| ORD-A171108 | 0109.4 |
| ORD-A171110 | 0311 |
| ORD-A171113 | 0304 |
| ORD-A171115 | 0109.5 |
| ORD-A171117 | 0106.15 |
| ORD-A171117B | 0106.15 |
| ORD-A171117C | 0106.15 |
| ORD-A171122 | 0100 |
| ORD-A171122 | 0109.2 |
| ORD-A171130 | 0109.2 |
| ORD-A171133 | 0311 |
| ORD-A171134 | 0109.5 |
| ORD-A171135 | 0109.5 |
| ORD-A171136 | 0109.5 |
| ORD-A171138 | 0109.1 |
| ORD-A171139 | 0100 |
| ORD-A171139 | 0109.1 |
| ORD-A171141 | 0102 |
| ORD-A171143 | 0106.15 |
| ORD-A171151 | 0502 |
| ORD-A171165 | 0101.5 |
| ORD-A171166 | 0106.15 |
| ORD-A171167 | 2208.2 |
| ORD-A171168 | 2208.2 |
| ORD-A171522 | 0604.11 |
| ORD-A171530 | 0502 |
| ORD-A171543 | 0100 |
| ORD-A171543 | 0109.2 |
| ORD-A171543 | 0308 |
| ORD-A171544 | 0502 |
| ORD-A171545 | 0502 |
| ORD-A171700 | 0106.6 |
| ORD-A172431 | 0613.2 |
| ORD-A173116 | 1905.61 |
| ORD-A173404 | 0202 |
| ORD-A173405 | 0201 |
| ORD-A173888 | 0604.11 |
| ORD-A173889 | 0604.11 |
| ORD-A173911 | 0604.11 |
| ORD-A174836 | 1905.61 |
| ORD-B175071 | 0504.11 |
| ORD-A175144 | 0109.3 |
| ORD-A175145 | 0104 |
| ORD-A175146 | 0101.4 |
| ORD-A175150 | 0102 |
| ORD-A175170 | 0301 |
| ORD-A175177 | 0106.6 |

● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)

| Part No. | Group |
|---|---|
| ORD-A195604 | 0604.15 |
| ORD-A195605 | 0604.15 |
| ORD-A195606 | 0604.15 |
| ORD-A195607 | 0604.15 |
| ORD-A195608 | 0604.15 |
| ORD-A195609 | 0604.15 |
| ORD-A195691 | 0604.15 |
| ORD-A195963 | 1905.65 |
| ORD-A195968 | 1905.65 |
| ORD-A196000 | 0302.1 |
| ORD-A196004 | 0302.1 |
| ORD-A196005 | 0302.1 |
| ORD-A196119 | 0604.15 |
| ORD-A196120 | 0604.15 |
| ORD-A196121 | 0604.15 |
| ORD-A196122 | 0604.15 |
| ORD-A196123 | 0604.15 |
| ORD-A196124 | 0604.15 |
| ORD-A196125 | 0604.15 |
| ORD-A196128 | 0604.15 |
| ORD-A196130 | 0604.15 |
| ORD-A196131 | 0604.15 |
| ORD-A196132 | 0604.15 |
| ORD-A196133 | 0604.15 |
| ORD-A196135 | 0604.15 |
| ORD-A196136 | 0604.15 |
| ORD-A196139 | 0604.15 |
| ORD-A196140 | 0604.15 |
| ORD-A196141 | 0604.15 |
| ORD-A196142 | 0604.15 |
| ORD-A196143 | 0604.15 |
| ORD-A196144 | 0604.15 |
| ORD-A196145 | 0604.15 |
| ORD-A196146 | 0604.15 |
| ORD-A196147 | 0604.15 |
| ORD-A196148 | 0604.15 |
| ORD-A196149 | 0604.15 |
| ORD-A196150 | 0604.15 |
| ORD-A196151 | 0604.51 |
| ORD-A196152 | 0604.15 |
| ORD-A196153 | 0604.15 |
| ORD-A196154 | 0604.15 |
| ORD-A196155 | 0604.15 |
| ORD-A196156 | 0604.15 |
| ORD-A196157 | 0604.15 |
| ORD-A196160 | 0604.15 |
| ORD-A196161 | 0604.15 |
| ORD-A196162 | 0604.15 |
| ORD-A196163 | 0604.15 |
| IRD-A196164 | 0604.15 |
| ORD-A196166 | 0604.15 |
| ORD-A196169 | 0604.15 |
| ORD-A196170 | 0100 |
| ORD-A196170 | 0604.15 |
| ORD-A196171 | 0604.15 |
| ORD-A196173 | 0604.15 |
| ORD-A196174 | 0604.15 |
| ORD-A196175 | 0604.15 |
| ORD-A196177 | 0604.15 |
| ORD-A196179 | 0604.15 |
| ORD-A196180 | 0604.15 |
| ORD-A196182 | 0604.15 |
| ORD-A196183 | 0604.15 |

| Part No. | Group |
|---|---|
| ORD-A196184 | 0604.15 |
| ORD-A196187 | 0604.15 |
| ORD-A196188 | 0604.15 |
| ORD-A196190 | 0604.15 |
| ORD-A196191 | 0604.15 |
| ORD-A196192 | 0604.15 |
| ORD-A196193 | 0604.15 |
| ORD-A196194 | 0604.15 |
| ORD-A196195 | 0604.15 |
| ORD-A196196 | 0604.15 |
| ORD-A196197 | 0604.15 |
| ORD-A196198 | 0604.15 |
| ORD-A196199 | 0604.15 |
| ● ORD-A196382 | 1304 |
| ● ORD-A196384 | 1304 |
| ORD-B197028 | 0302.1 |
| ORD-B197029 | 0302.1 |
| ORD-B197030 | 0302.1 |
| HL-19739-2 | 2967 |
| ORD-B197471 | 1905.3 |
| ORD-B197472 | 1905.3 |
| ORD-B197479 | 0201 |
| ORD-B197480 | 0202 |
| ORD-B197481 | 0201 |
| ORD-B197484 | 0201 |
| ORD-B197503 | 1905.7 |
| ORD-B197504 | 1905.7 |
| ORD-B197505 | 1905.7 |
| ORD-B197507 | 1905.1 |
| ORD-B197527 | 1905.3 |
| ORD-B197528 | 1905.3 |
| ORD-A197528 | 1905.5 |
| ORD-B197529 | 1905.3 |
| ORD-B197530 | 1905.3 |
| ORD-B197530 | 1905.5 |
| ORD-B197536 | 1905.5 |
| ORD-B197537 | 1905.5 |
| ORD-B197569 | 2914 |
| ORD-B197570 | 2961 |
| ORD-B197571 | 2961 |
| ORD-B197577 | 0301 |
| ORD-B197581 | 0301 |
| ORD-B197589 | 0201 |
| ORD-B197646 | 1905.5 |
| ORD-A197682 | 1801 |
| HL-19798-4 | 2961 |
| HL-19899-1 | 2911 |
| HL-19988-1 | 2967 |
| ORD-B199959 | 0607 |
| ORD-B199968L | 0613.2 |
| ORD-B199968M | 0608 |
| ORD-B199968N | 0608 |
| ORD-B199968P | 0608 |
| ORD-B199968P | 0613.2 |
| ORD-B200041E | 2208.1 |
| ORD-B200041E | 2208.2 |
| ORD-B200102 | 0613.2 |
| ORD-B200146 | 1803.11 |
| ORD-B200147 | 1803.11 |
| CWR-200172 | 0109.2 |
| CWR-200101 | 0101.3 |
| CWR-200101 | 0101.4 |
| CWR-200101 | 0106.11 |

| Part No. | Group |
|---|---|
| CWR-200101 | 0109.2 |
| CWR-200101 | 0109.5 |
| CWR-200101 | 0109.6 |
| CWR-200101 | 2208.2 |
| CWR-200102 | 0106.15 |
| CWR-200102 | 0106.6 |
| CWR-200102 | 2208.2 |
| CWR-200103 | 0101.3 |
| CWR-200103 | 0102 |
| CWR-200103 | 0109.2 |
| CWR-200105 | 2208.2 |
| CWR-200106 | 0101.1 |
| CWR-200106 | 0101.3 |
| CWR-200106 | 0109.1 |
| CWR-200106 | 0109.2 |
| CWR-200106 | 0109.5 |
| CWR-200106 | 0604.11 |
| CWR-200106 | 0605 |
| CWR-200107 | 0106.15 |
| CWR-200107 | 0108 |
| CWR-200108 | 0109.4 |
| CWR-200111 | 0502 |
| CWR-200112 | 0106.11 |
| CWR-200115 | 0502 |
| CWR-200116 | 0102 |
| CWR-200117 | 0102 |
| CWR-200118 | 0106.11 |
| CWR-200118 | 2208.2 |
| CWR-200119 | 0109.1 |
| CWR-200120 | 0109.4 |
| CWR-200121 | 0109.2 |
| CWR-200123 | 0106.11 |
| CWR-200124 | 0109.2 |
| CWR-200124 | 0109.4 |
| CWR-200125 | 0101.5 |
| CWR-200126 | 0109.3 |
| CWR-200128 | 0109.4 |
| CWR-200131 | 0109.3 |
| CWR-200132 | 0109.1 |
| CWR-200132 | 0109.5 |
| CWR-200135 | 0101.1 |
| CWR-200135 | 0106.6 |
| CWR-200136 | 0109.5 |
| CWR-200137 | 0106.15 |
| CWR-200138 | 0101.1 |
| CWR-200139 | 0106.6 |
| CWR-200140 | 0105.2 |
| CWR-200140 | 0109.3 |
| CWR-200143 | 0502 |
| CWR-200144 | 0301 |
| CWR-200146 | 0101.3 |
| CWR-200148 | 0100 |
| CWR-200148 | 0106.11 |
| CWR-200149 | 0100 |
| CWR-200149 | 0106.6 |
| CWR-200150 | 0100 |
| CWR-200151 | 0101.3 |
| CWR-200151 | 0101.4 |
| CWR-200151 | 0105.2 |
| CWR-200152 | 0101.4 |
| CWR-200152 | 0106.11 |
| CWR-200152 | 2208.2 |
| CWR-200154 | 0311 |

● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)

| Part No. | Group |
|---|---|
| CWR-200260-H | 0101.1 |
| CWR-200260-J | 0101.1 |
| CWR-200260-S | 0101.1 |
| CWR-200261 | 0101.3 |
| CWR-200261-H | 0101.3 |
| CWR-200261-J | 0101.3 |
| CWR-200261-S | 0101.3 |
| CWR-200262 | 0101.1 |
| CWR-200262-H | 0101.1 |
| CWR-200262-J | 0101.1 |
| CWR-200262-S | 0101.1 |
| CWR-200264 | 0101.3 |
| CWR-200264 | ●0108 |
| CWR-200264-H | 0101.3 |
| CWR-200264-H | 0108 |
| CWR-200264-J | 0101.3 |
| CWR-200264-J | 0108 |
| CWR-200264-S | 0101.3 |
| CWR-200264-S | 0108 |
| CWR-200265 | 0101.1 |
| CWR-200265-H | 0101.1 |
| CWR-200265-J | 0101.1 |
| CWR-200265-S | 0101.1 |
| CWR-200266 | 0301 |
| CWR-200268 | 0106.6 |
| CWR-200269 | 0102 |
| CWR-200271 | 0502 |
| CWR-200273 | 0100 |
| CWR-200273 | 0105.2 |
| CWR-200274 | 0106.6 |
| CWR-200275 | 0304 |
| CWR-200277 | 0102 |
| CWR-200278 | 0101.3 |
| CWR-200280 | 0102 |
| CWR-200281 | 0104 |
| CWR-200282 | 0102 |
| CWR-200283 | 0106.6 |
| CWR-200292 | 0101.5 |
| CWR-200292-H | 0101.5 |
| CWR-200292-J | 0101.5 |
| CWR-200292-S | 0101.5 |
| CWR-200293 | 0101.5 |
| CWR-200293-J | 0101.5 |
| CWR-200293-S | 0101.5 |
| CWR-200299 | 0105.2 |
| CWR-200299 | 0106.5 |
| CWR-200300 | 0105.2 |
| CWR-200300 | 0106.5 |
| CWR-200303 | 0100 |
| CWR-200303 | 0109.2 |
| CWR-200306 | 0108 |
| CWR-200307 | 0100 |
| CWR-200307 | 0101.3 |
| CWR-200314 | 0100 |
| CWR-200314 | 0101.3 |
| CWR-200314 | 0109.5 |
| CWR-200315 | 0105.1 |
| CWR-200316 | 0105.2 |
| CWR-200319 | 0105.1 |
| CWR-2003240 | 0105.1 |
| CWR-2003270 | 0105.1 |
| CWR-2006540 | 0106.15 |
| ORD-B200395 | 1905.2 |
| ORD-B200396 | 1905.2 |
| CWR-200397 | 0109.1 |
| CWR-200398 | 0100 |
| CWR-200398 | 0101.5 |
| CWR-200399 | 0104 |
| ORD-B200399 | 1801 |
| ORD-B200400 | 1905.2 |
| CWR-200400 | 0104 |
| CWR-200402 | 0106.6 |
| CWR-200403 | 0100 |
| CWR-200403 | 0109.1 |
| CWR-200404 | 0100 |
| CWR-200404 | 0108 |
| ORD-B200405 | 1905.2 |
| CWR-200406 | 0102 |
| CWR-200408 | 0109.1 |
| CWR-200409 | 0109.1 |
| CWR-200410 | 0105.1 |
| CWR-200411 | 0100 |
| CWR-200411 | 0604.11 |
| CWR-200411 | 0604.15 |
| CWR-200412 | 0106.11 |
| CWR-200414 | 0109.4 |
| CWR-200416 | 0109.1 |
| CWR-200417 | 0109.1 |
| CWR-200420 | 0106.11 |
| CWR-200421 | 0301 |
| CWR-200421 | 0304 |
| CWR-200422 | 0103 |
| CWR-200423 | 0109.1 |
| CWR-200424 | 0104 |
| CWR-200426 | 0106.6 |
| CWR-200427 | 0106.6 |
| CWR-200428 | 0109.2 |
| CWR-200429 | 0109.2 |
| CWR-200430 | 0109.2 |
| CWR-200431 | 0109.2 |
| CWR-200433 | 0101.1 |
| CWR-200434 | 0109.2 |
| CWR-200437 | 0102 |
| CWR-200439 | 0102 |
| CWR-200440 | 0100 |
| CWR-200440 | 0109.4 |
| CWR-200441 | 0109.4 |
| CWR-200442 | 0101.4 |
| CWR-200443 | 0109.4 |
| CWR-200444 | 0109.4 |
| CWR-200445 | 0105.2 |
| ORD-B200446 | 1801 |
| CWR-200446 | 0105.2 |
| CWR-200447 | 0102 |
| CWR-200448 | 0104 |
| CWR-200450 | 0105.1 |
| CWR-200451 | 0104 |
| CWR-200455 | 2208.2 |
| CWR-200456 | 0104 |
| CWR-200457 | 0108 |
| CWR-200458 | 0109.1 |
| CWR-200459 | 0106.11 |
| CWR-200462 | 0109.4 |
| CWR-200463 | 0100 |
| CWR-200463 | 0109.4 |
| CWR-200467 | 0106.11 |
| CWR-200468 | 0106.11 |
| CWR-200469 | 0106.11 |
| CWR-200473 | 0109.1 |
| CWR-200475 | 0109.3 |
| CWR-200479 | 0105.2 |
| CWR-200481 | 0109.4 |
| CWR-200484 | 0109.2 |
| CWR-200486 | 0109.4 |
| CWR-200487 | 0109.4 |
| CWR-200488 | 0605 |
| CWR-200490 | 0102 |
| CWR-200491 | 0102 |
| CWR-200492 | 0106.11 |
| CWR-200493 | 0106.11 |
| CWR-200494 | 0106.11 |
| CWR-200495 | 0106.11 |
| CWR-200496 | 0106.11 |
| CWR-200497 | 0106.11 |
| CWR-200498 | 0106.11 |
| CWR-200499 | 0106.11 |
| CWR-200501 | 0101.1 |
| CWR-200502 | 0105.2 |
| CWR-200503 | 0103 |
| CWR-200504 | 0105.2 |
| CWR-200505 | 0109.4 |
| CWR-200506 | 0102 |
| CWR-200508 | 0102 |
| CWR-200509 | 0102 |
| CWR-200510 | 0102 |
| CWR-200511 | 0102 |
| CWR-200519 | 0100 |
| CWR-200519 | 0106.11 |
| CWR-200520 | 0308 |
| CWR-200523 | 0106.11 |
| CWR-200524 | 0105.1 |
| CWR-200525 | 0105.1 |
| CWR-200527 | 0105.1 |
| CWR-200528 | 0100 |
| CWR-200528 | 2208.2 |
| CWR-200530 | 0105.2 |
| CWR-200533 | 0102 |
| CWR-200534 | 0102 |
| CWR-200540 | 0105.2 |
| CWR-200541 | 0106.11 |
| CWR-200544 | 0109.1 |
| CWR-200548 | 0109.3 |
| CWR-200550 | 0109.3 |
| CWR-200554 | 0109.1 |
| CWR-200556 | 0109.1 |
| CWR-200557 | 0109.1 |
| CWR-200558 | 0109.1 |
| CWR-200559 | 0109.1 |
| CWR-200561 | 0105.2 |
| CWR-200562 | 0105.2 |
| CWR-200567 | 0104 |
| CWR-200568 | 0109.3 |
| CWR-200571 | 2208.2 |
| CWR-200572 | 0106.11 |
| CWR-200572 | 0106.6 |
| CWR-200573 | 0106.6 |
| CWR-200574 | 0106.6 |
| CWR-200575 | 0105.2 |
| CWR-200576 | 0105.2 |

● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)

| Part No. | Group |
|---|---|
| CWR-200577 | 0100 |
| CWR-200577 | 0106.6 |
| CWR-200579 | 0105.2 |
| CWR-200580 | 0105.2 |
| CWR-200581 | 0100 |
| CWR-200581 | 0105.2 |
| CWR-200582 | 0105.1 |
| CWR-200583 | 0105.2 |
| CWR-200588 | 0106.11 |
| CWR-200590 | 0109.5 |
| CWR-200591 | 0109.5 |
| CWR-200592 | 0109.5 |
| CWR-200593 | 0109.5 |
| CWR-200595 | 0109.5 |
| CWR-200602 | 0109.4 |
| CWR-200603 | 0105.1 |
| CWR-200604 | 0105.1 |
| CWR-200605 | 0102 |
| CWR-200606 | 0101.1 |
| CWR-200608 | 0105.2 |
| CWR-200609 | 0109.1 |
| CWR-200610 | 0604.11 |
| CWR-200612 | 0109.1 |
| CWR-200615 | 0105.1 |
| CWR-200616 | 0105.1 |
| CWR-200617 | 0105.1 |
| CWR-200618 | 0103 |
| CWR-200618 | 0106.5 |
| CWR-200628 | 0104 |
| CWR-200630 | 0105.1 |
| CWR-200631 | 0105.2 |
| CWR-200632 | 0105.2 |
| CWR-200633 | 0100 |
| CWR-200633 | 0109.1 |
| CWR-200634 | 0105.1 |
| CWR-200635 | 0102 |
| CWR-200636 | 0102 |
| CWR-200639 | 0105.2 |
| CWR-200640 | 0102 |
| CWR-200651 | 0106.15 |
| CWR-200655 | 0106.15 |
| CWR-200656 | 0106.15 |
| CWR-200657 | 0106.15 |
| CWR-200658 | 0102 |
| CWR-200660 | 0102 |
| CWR-200664 | 2208.2 |
| CWR-200665 | 0301 |
| CWR-200668 | 0301 |
| CWR-200669 | 0301 |
| ● CWR-200672 | 0100 |
| CWR-200672 | 0109.2 |
| CWR-200672 | 0308 |
| CWR-200673 | 0502 |
| CWR-200674 | 0502 |
| CWR-200676 | 0502 |
| CWR-200677 | 0502 |
| CWR-200678 | 0301 |
| CWR-200688 | 0502 |
| CWR-200689 | 0502 |
| CWR-200695 | 0100 |
| CWR-200695 | 0105.2 |
| CWR-200697 | 0109.3 |
| CWR-200700 | 0106.11 |

| Part No. | Group |
|---|---|
| CWR-200701 | 0502 |
| CWR-200704 | 0301 |
| CWR-200713 | 0106.6 |
| CWR-200714 | 0106.6 |
| CWR-200717 | 0605 |
| CWR-200722 | 0502 |
| CWR-200725 | 0605 |
| CWR-200727 | 0502 |
| CWR-200734 | 0109.5 |
| CWR-200738 | 0101.4 |
| CWR-200739 | 0102 |
| CWR-200740 | 0101.1 |
| CWR-200742 | 0105.2 |
| CWR-200744 | 0604.11 |
| CWR-200747 | 0104 |
| CWR-200748 | 0104 |
| CWR-200753 | 0102 |
| CWR-200754 | 0102 |
| CWR-200755 | 0106.6 |
| CWR-200756 | 0601.8 |
| CWR-200760 | 0101.1 |
| CWR-200761 | 0106.15 |
| CWR-200762 | 0106.15 |
| CWR-200763 | 0101.1 |
| CWR-200764 | 0102 |
| CWR-200765 | 0101.1 |
| CWR-200767 | 2208.2 |
| CWR-200768 | 2208.2 |
| CWR-200769 | 2208.2 |
| CWR-200770 | 0106.15 |
| CWR-200772 | 0502 |
| CWR-200773 | 0502 |
| CWR-200776 | 0105.2 |
| CWR-200778 | 0502 |
| CWR-200780 | 0101.2 |
| CWR-200781 | 0502 |
| CWR-200783 | 0101.4 |
| CWR-200795 | 0301 |
| CWR-200797 | 0502 |
| CWR-200798 | 0502 |
| CWR-200799 | 0502 |
| CWR-200800 | 0502 |
| CWR-200801 | 0106.6 |
| CWR-200802 | 0106.6 |
| CWR-200803 | 0106.6 |
| CWR-200804 | 0106.6 |
| CWR-200805 | 0502 |
| CWR-200806 | 0106.6 |
| CWR-200807 | 0502 |
| CWR-200812 | 0502 |
| CWR-200813 | 0502 |
| CWR-200822 | 0102 |
| CWR-200824 | 0106.15 |
| CWR-200827 | 0102 |
| CWR-200828 | 0105.2 |
| CWR-200832 | 0109.1 |
| CWR:200833 | 0109.1 |
| CWR-200834 | 0109.1 |
| CWR-200835 | 0109.1 |
| CWR-200845 | 0106.6 |
| CWR-200845 | 0109.5 |
| CWR-200845 | 0311 |
| CWR-200846 | 0106.11 |

| Part No. | Group |
|---|---|
| CWR-200847 | 0106.5 |
| CWR-200848 | 0605 |
| CWR-200849 | 0106.5 |
| CWR-200854 | 0104 |
| CWR-200855 | 0104 |
| CWR-200856 | 0104 |
| CWR-200859 | 0106.6 |
| CWR-200860 | 0108 |
| CWR-200860 | 0109.2 |
| CWR-200861 | 0106.6 |
| CWR-200862 | 0106.6 |
| CWR-200864 | 0106.6 |
| CWR-200865 | 0103 |
| CWR-200871 | 0200 |
| CWR-200871 | 0505 |
| CWR-200872 | 0201 |
| CWR-200873 | 0201 |
| CWR-200874 | 0201 |
| CWR-200888 | 0109.6 |
| CWR-200889 | 0109.2 |
| CWR-200890 | 0109.2 |
| CWR-200890 | 0109.5 |
| CWR-200891 | 0109.6 |
| CWR-200891 | 0502 |
| CWR-200892 | 0109.6 |
| CWR-200893 | 0109.2 |
| CWR-200893-H | 0109.2 |
| CWR-200893-J | 0109.2 |
| CWR-200893-S | 0109.2 |
| CWR-200895 | 0100 |
| CWR-200895 | 0109.2 |
| CWR-200896 | 0109.6 |
| CWR-200897 | 0109.2 |
| CWR-200898 | 0109.2 |
| CWR-200899 | 0109.2 |
| CWR-200900 | 0109.6 |
| CWR-200901 | 0109.2 |
| CWR-200902 | 0109.2 |
| CWR-200903 | 0109.2 |
| CWR-200904 | 0109.2 |
| CWR-200905 | 0109.2 |
| CWR-200906 | 0109.2 |
| CWR-200907 | 0100 |
| CWR-200907 | 0109.2 |
| CWR-200909 | 0109.2 |
| CWR-200910 | 0109.2 |
| CWR-200911 | 0109.2 |
| CWR-200914 | 0109.2 |
| CWR-200915 | 0109.2 |
| CWR-200916 | 0109.2 |
| CWR-200917 | 0109.2 |
| CWR-200918 | 0109.6 |
| CWR-200919 | 0109.2 |
| CWR-200920 | 0109.6 |
| CWR-200922 | 0109.6 |
| CWR-200924 | 0109.2 |
| CWR-200926 | 0109.2 |
| CWR-200927 | 0109.2 |
| CWR-200933 | 0109.6 |
| CWR-200936 | 0109.2 |
| CWR-200939 | 0109.2 |
| CWR-200940 | 0100 |
| CWR-200940 | 0101.3 |

● *Refer to the proper group 13, there is one for each type suspension.*

| Part No. | Group |
|---|---|
| CWR-200940 | 0106.11 |
| CWR-200942 | 0301 |
| CWR-200945 | 0109.2 |
| CWR-200952 | 0311 |
| CWR-200954 | 0100 |
| CWR-200954 | 0605 |
| CWR-200958 | 0311 |
| CWR-200961 | 0100 |
| CWR-200961 | 2208.2 |
| CWR-200964 | 0311 |
| CWR-200971 | 0311 |
| CWR-200972 | 0102 |
| CWR-200973 | 0311 |
| CWR-200974 | 0311 |
| CWR-200975 | 0311 |
| CWR-200976 | 0311 |
| CWR-200985 | 0100 |
| CWR-200985 | 0105.2 |
| CWR-200985 | 0106.5 |
| CWR-200999 | 0605 |
| ORD-B201033A | 1801 |
| ORD-B201033B | 1801 |
| ORD-B201034 | 1801 |
| CWR-201037 | 0108 |
| CWR-201039 | 0311 |
| CWR-201040 | 0311 |
| CWR-201042 | 0311 |
| CWR-201043 | 0311 |
| CWR-201047 | 0311 |
| ORD-B201056 | 1401 |
| CWR-201080 | 0108 |
| CWR-201081 | 0311 |
| CWR-201082 | 0311 |
| CWR-201086 | 0311 |
| CWR-201089 | 0311 |
| ORD-B201110 | 1903.18 |
| ORD-B201145 | 0613.2 |
| ORD-B201146 | 1905.2 |
| ORD-B201152 | 0613.2 |
| CWR-201153 | 0102 |
| CWR-201155 | 0102 |
| CWR-201156 | 0102 |
| CWR-201157 | 0102 |
| CWR-201158 | 0102 |
| CWR-201199 | 0100 |
| CWR-201199 | 0106.11 |
| CWR-201206 | 0311 |
| CWR-201244 | 0601.8 |
| CWR-201245 | 0601.8 |
| CWR-201295 | 0301 |
| ORD-B201301 | 1402 |
| CWR-201312 | 0106.5 |
| CWR-201314 | 0101.3 |
| CWR-201315 | 0102 |
| CWR-201316 | 0102 |
| CWR-201317 | 0102 |
| CWR-201325 | 0605 |
| CWR-201326 | 0605 |
| CWR-201332 | 0106.6 |
| CWR-201334 | 0105.2 |
| CWR-201335 | 0105.2 |
| CWR-201336 | 0105.2 |
| CWR-201347 | 0308 |

| Part No. | Group |
|---|---|
| CWR-201348 | 0301 |
| CWR-201380 | 0100 |
| CWR-201380 | 0106.6 |
| CWR-201397 | 0106.6 |
| CWR-201403 | 0304 |
| CWR-201406 | 0104 |
| CWR-S-201406 | 0104 |
| CWR-201415 | 0108 |
| CWR-201422 | 0108 |
| CWR-201423 | 0302.1 |
| CWR-201425 | 0103 |
| CWR-201426 | 0109.5 |
| CWR-201427 | 0109.4 |
| CWR-201428 | 0301 |
| CWR-201430 | 0301 |
| CWR-201434 | 2208.2 |
| CWR-201435 | 0301 |
| CWR-201437 | 0100 |
| CWR-201437 | 0301 |
| CWR-201438 | 0301 |
| CWR-201441 | 0109.5 |
| CWR-201444 | 0106.6 |
| CWR-201445 | 0100 |
| CWR-20●445 | 0106.6 |
| CWR-201447 | 0106.11 |
| CWR-201450 | 0100 |
| CWR-201450 | 0301 |
| CWR-201451 | 0109.5 |
| CWR-201452 | 0109.5 |
| CWR-201454 | 0108 |
| CWR-201457 | 0102 |
| CWR-201463 | 0301 |
| CWR-201464 | 0301 |
| CWR-S-201468 | 0100 |
| CWR-201479 | 0301 |
| CWR-201480 | 0502 |
| CWR-201483 | 0301 |
| CWR-201484 | 0109.5 |
| CWR-201486 | 0101.3 |
| CWR-201487 | 0101.3 |
| CWR-201492 | 0105.2 |
| CWR-201497 | 0109.2 |
| CWR-201499 | 0109.1 |
| CWR-201552 | 0109.1 |
| CWR-201571 | 0109.1 |
| CWR-201576 | 0605 |
| CWR-201586 | 0109.2 |
| CWR-201586-H | 0109.2 |
| CWR-201586-S | 0109.2 |
| CWR-201605 | 0101.4 |
| CWR-201605-H | 0101.4 |
| CWR-201605-J | 0101.4 |
| CWR-201605-S | 0101.4 |
| CWR-201615 | 0109.1 |
| CWR-201621 | 0106.5 |
| CWR-201624 | 0106.5 |
| CWR-201625 | 0106.5 |
| CWR-201626 | 0106.5 |
| CWR-201663 | 0109.4 |
| CWR-201668 | 0106.5 |
| CWR-201670 | 0106.5 |
| CWR-201671 | 0106.5 |
| CWR-201677 | 0106.5 |

| Part No. | Group |
|---|---|
| CWR-201679 | 0104 |
| CWR-201730 | 0605 |
| CWR-201731 | 0109.1 |
| CWR-201732 | 0109.1 |
| CWR-201733 | 0105.1 |
| CWR-201734 | 0109.1 |
| CWR-201735 | 0108 |
| CWR-201736 | 0106.6 |
| CWR-201737 | 0108 |
| CWR-201738H | 0108 |
| CWR-201737J | 0108 |
| CWR-201737S | 0108 |
| CWR-201749 | 0101.2 |
| CWR-201749 | 0102 |
| CWR-201773 | 0101.4 |
| CWR-201774 | 0101.4 |
| CWR-201777 | 0101.4 |
| CWR-201778 | 0101.4 |
| CWR-201779 | 0100 |
| CWR-201779 | 0106.6 |
| CWR-201780 | 0101.3 |
| CWR-201781 | 0101.3 |
| CWR-201784 | 0109.1 |
| CWR-201785 | 0109.1 |
| CWR-201789 | 0100 |
| CWR-201789 | 0105.2 |
| CWR-201794 | 0102 |
| CWR-201795 | 0102 |
| CWR-201797 | 0102 |
| CWR-201800 | 0101.2 |
| CWR-201800 | 0106.6 |
| CWR-201800 | 0109.2 |
| CWR-201800 | 0109.5 |
| CWR-201800 | 0311 |
| CWR-201804 | 0100 |
| CWR-201804 | 0109.3 |
| CWR-201805 | 0109.3 |
| CWR-201807 | 0108 |
| CWR-S-201807L | 0108 |
| CWR-201807M | 0108 |
| CWR-201807P | 0108 |
| CWR-S-201808R | 0108 |
| CWR-201809 | 0109.3 |
| BS-P20181-1 | 0301 |
| BS-P20181-2 | 0301 |
| CWR-201815 | 0109.2 |
| CWR-201827 | 0502 |
| CWR-201828 | 0502 |
| CWR-201829 | 0502 |
| CWR-201830 | 0502 |
| CWR-201833 | 0502 |
| CWR-201834 | 0502 |
| CWR-201841 | 0105.2 |
| CWR-201842 | 0106.11 |
| CWR-201843 | 0304 |
| CWR-201844 | 0304 |
| CWR-201845 | 0109.1 |
| CWR-201847 | 0109.1 |
| CWR-201848 | 0502 |
| CWR-201849 | 0502 |
| CWR-201850 | 0502 |
| CWR-201851 | 0106.6 |
| CWR-201852 | 0106.6 |

● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)

| Part No. | Group |
|---|---|
| CWR-202721 | 0106.6 |
| CWR-202755 | 0302.2 |
| CWR-202769 | 0103 |
| CWR-202772 | 0302.2 |
| CWR-202774 | 0106.6 |
| CWR-202775 | 0106.6 |
| CWR-202776 | 0311 |
| CWR-202778 | 0311 |
| CWR-202784 | 0106.6 |
| CWR-202785 | 0106.6 |
| CWR-202786 | 0106.6 |
| CWR-202788 | 0106.6 |
| CWR-202800 | 0106.6 |
| CWR-202817 | 0106.6 |
| CWR-202825 | 0301 |
| CWR-202825 | 0605 |
| CWR-202826 | 0301 |
| CWR-202828 | 0605 |
| CWR-202829 | 0605 |
| CWR-202830 | 0605 |
| CWR-202851 | 0304 |
| CWR-202852 | 0304 |
| CWR-202856 | 0608 |
| CWR-202879 | 0502 |
| CWR-202881 | 0502 |
| CWR-202885 | 0502 |
| CWR-202886 | 0502 |
| CWR-202887 | 0502 |
| CWR-202904 | 0104 |
| CWR-S-202919 | 0100 |
| CWR-202920 | 0502 |
| CWR-202921 | 0502 |
| CWR-202923 | 0502 |
| CWR-202925 | 0502 |
| CWR-202927 | 0502 |
| CWR-202928 | 0502 |
| CWR-202934 | 0101.5 |
| CWR-202935 | 0101.5 |
| CWR-202936 | 0101.5 |
| CWR-202939 | 0101.5 |
| CWR-202940 | 0109.1 |
| CWR-202942 | 0311 |
| CWR-202986 | 0103 |
| CWR-202991 | 0106.6 |
| CWR-202999 | 0100 |
| CWR-202999 | 0106.6 |
| CWR-203007 | 0100 |
| CWR-203037 | 0100 |
| CWR-203038 | 0100 |
| CWR-203065 | 0106.6 |
| CWR-203196 | 0106.5 |
| CWR-203200 | 0308 |
| CWR-203202 | 0301 |
| CWR-203205 | 0106.6 |
| CWR-203210 | 0301 |
| CWR-203211 | 0106.6 |
| CWR-203212 | 0301 |
| CWR-203214 | 0100 |
| CWR-203214 | 0106.6 |
| CWR-203233 | 0109.1 |
| CWR-203239 | 0100 |
| CWR-203240 | 0104 |
| CWR-203241 | 0104 |

| Part No. | Group |
|---|---|
| CWR-203242 | 0101.2 |
| CWR-203242 | 0108 |
| CWR-203244 | 0101.1 |
| CWR-203245 | 0101.1 |
| CWR-203248 | 0101.2 |
| CWR-203256 | 0104 |
| CWR-203257 | 0102 |
| CWR-203268 | 0104 |
| CWR-203269 | 0104 |
| CWR-203284 | 0103 |
| CWR-203285 | 0105.1 |
| CWR-203287 | 0108 |
| CWR-203291 | 0105.2 |
| CWR-203292 | 0105.2 |
| CWR-203293 | 0105.2 |
| CWR-203294 | 0105.2 |
| CWR-203295 | 0605 |
| CWR-203297 | 0605 |
| CWR-203300 | 0502 |
| CWR-203301 | 0502 |
| CWR-203302 | 0502 |
| CWR-203303 | 0502 |
| CWR-203304 | 0301 |
| CWR-203305 | 0109.2 |
| CWR-203308 | 0502 |
| CWR-203309 | 0109.2 |
| CWR-203310 | 0109.4 |
| CWR-203311 | 0109.2 |
| CWR-203312 | 0109.5 |
| CWR-203312H | 0109.5 |
| CWR-203312J | 0109.5 |
| CWR-203312S | 0109.5 |
| CWR-203314 | 0109.6 |
| CWR-203314H | 0109.6 |
| CWR-203314J | 0109.6 |
| CWR-203314S | 0109.6 |
| CWR-203317 | 0106.11 |
| CWR-203317H | 0106.11 |
| CWR-203317J | 0106.11 |
| CWR-203317S | 0106.11 |
| CWR-203318 | 2208.2 |
| CWR-203318H | 2208.2 |
| CWR-203318J | 2208.2 |
| CWR-203318S | 2208.2 |
| CWR-203319 | 0109.2 |
| CWR-203319H | 0109.2 |
| CRW-203319J | 0109.2 |
| CWR-203319S | 0109.2 |
| CWR-203321 | 0109.2 |
| CWR-203321H | 0109.2 |
| CWR-203321J | 0109.2 |
| CWR-203321S | 0109.2 |
| CWR-203322 | 0101.3 |
| CWR-203322 | 0109.2 |
| CWR-203322 | 0109.5 |
| CWR-203322H | 0101.3 |
| CWR-203322H | 0109.5 |
| CWR-203322J | 0101.3 |
| CWR-203322J | 0109.5 |
| CWR-203322S | 0101.3 |
| CWR-203322S | 0109.5 |
| CWR-203323 | 0101.1 |
| CWR-203323H | 0101.1 |

| Part No. | Group |
|---|---|
| CWR-203323J | 0101.1 |
| CWR-203323S | 0101.1 |
| CWR-203324 | 0101.3 |
| CWR-203324H | 0101.3 |
| CWR-203324J | 0101.3 |
| CWR-203324S | 0101.3 |
| CWR-203325 | 0101.1 |
| CWR-203325H | 0101.1 |
| CWR-203325J | 0101.1 |
| CWR-203325S | 0101.1 |
| CWR-203326 | 0109.2 |
| CWR-203326H | 0109.2 |
| CWR-203326J | 0109.2 |
| CWR-203326S | 0109.2 |
| CWR-203327H | 0101.3 |
| CWR-203327J | 0101.3 |
| CWR-203327S | 0101.3 |
| CWR-203328 | 0101.1 |
| CWR-203328H | 0101.1 |
| CWR-203328J | 0101.1 |
| CWR-203328S | 0101.1 |
| CWR-203329 | 0301 |
| CWR-203330 | 0301 |
| CWR-203330H | 0301 |
| CWR-203330J | 0301 |
| CWR-203330S | 0301 |
| CWR-203331 | 0301 |
| CWR-203331H | 0301 |
| CWR-203331J | 0301 |
| CWR-203331S | 0301 |
| CWR-203332 | 0104 |
| CWR-S203332 | 0104 |
| CWR-203334 | 0104 |
| CWR-203335 | 0104 |
| CWR-203336 | 0106.11 |
| CWR-203337 | 0106.11 |
| CWR-203338 | 0106.11 |
| CWR-203339 | 0106.11 |
| CWR-203341 | 0106.6 |
| CWR-203342 | 0106.6 |
| CWR-203349 | 1402 |
| CWR-203350 | 1402 |
| CWR-203356 | 1402 |
| CWR-203364 | 0100 |
| CWR-203366 | 1402 |
| CWR-203374 | 0100 |
| CWR-203382 | 0106.5 |
| CWR-203382 | 0106.6 |
| CWR-203384 | 1402 |
| CWR-203387 | 0104 |
| CWR-203391 | 0605 |
| CWR-203391 | 0605 |
| CWR-203391AB | 0605 |
| CWR-203391AC | 0605 |
| CWR-203391AD | 0605 |
| CWR-203391AE | 0605 |
| CWR-203393 | 0605 |
| CWR-203395 | 0106.6 |
| CWR-203395 | 0613.1 |
| CWR-203405 | 0108 |
| CWR-203414 | 0106.6 |
| CWR-203415 | 0106.5 |
| CWR-203416 | 0106.6 |

● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)

| Part No. | Group |
|---|---|
| ORD-B209579 | 1905.1 |
| ORD-B209580C | 0613.1 |
| ORD-B209689 | 1403 |
| ORD-B209770 | 2208.2 |
| ORD-B209773 | 1005.6 |
| ORD-B209787 | 2208.2 |
| ORD-B209799 | 1403 |
| ORD-B209823 | 0401 |
| ORD-B209827 | 2208.2 |
| ORD-B209849 | 1905.61 |
| ORD-B209888 | 0607 |
| ORD-B209939 | 0613.1 |
| ORD-B209939B | 0613.1 |
| ORD-B209939C | 0613.1 |
| ORD-B209949 | 1401 |
| ORD-B209954 | 1806 |
| ORD-B209956 | 1806 |
| ORD-B209958 | 1806 |
| ORD-B209959 | 1806 |
| ORD-B209960 | 1806 |
| ORD-B209961 | 1806 |
| ORD-B209999 | 1803.3 |
| ORD-B210033 | 0306 |
| ● ORD-B210099 | 1301 |
| ● ORD-B210100 | 1301 |
| ● ORD-B210102 | 1301 |
| ORD-B210117 | 0306 |
| ORD-B210163 | 1403 |
| ORD-B210164A | 1403 |
| ORD-B210165 | 1403 |
| ORD-B210166 | 1804 |
| ORD-B210190 | 1403 |
| ORD-B210191 | 1903.25 |
| ORD-B210192A | 0306 |
| ORD-B210192B | 0306 |
| ORD-B210193 | 1801 |
| ORD-B210230 | 1901.1 |
| ORD-B210231 | 1901.1 |
| ORD-B210251 | 1402 |
| ORD-B210254 | 1402 |
| ORD-B210262A | 0306 |
| ORD-B210262B | 0306 |
| ORD-B210264A | 0306 |
| ORD-B210264B | 0306 |
| ORD-B210277 | 1403 |
| ORD-B210280 | 1403 |
| ORD-B210313A | 0306 |
| ORD-B210313B | 0306 |
| ORD-B210334 | 0306 |
| ORD-B210335 | 0306 |
| ORD-B210336 | 0306 |
| ORD-B210341 | 2401 |
| ORD-B210349 | 0306 |
| ORD-B210351 | 1402 |
| ORD-B210355 | 2401 |
| ORD-B210358 | 2401 |
| ORD-B210359 | 2401 |
| ORD-B210359A | 2401 |
| ORD-B210359C | 2401 |
| ORD-B210366 | 1804 |
| ORD-B210368 | 2401 |
| ORD-B210369 | 2401 |
| ORD-B210370 | 2401 |
| ORD-B210371 | 2401 |
| ORD-B210372 | 2401 |
| ORD-B210374 | 2401 |
| ORD-B210376 | 2401 |
| ORD-B210394 | 0309 |
| ORD-B210421 | 0311 |
| ORD-B210529 | 1901.35 |
| ORD-B210548 | 1901.35 |
| ORD-B210581 | 1901.35 |
| ● ORD-B210709 | 1301 |
| SCI-2-1071-2 | 0604.11 |
| SCI-2-1071-4 | 0604.11 |
| ORD-B210770 | 1403 |
| SCI-2-10864 | 0604.11 |
| ORD-A212907 | 1901.1 |
| ORD-A213103 | 1903.25 |
| ORD-A213104 | 1903.25 |
| ORD-A213105 | 1903.25 |
| ORD-A213106 | 1903.25 |
| ORD-A213160 | 1903.25 |
| ORD-A213183 | 1901.35 |
| ORD-A213346 | 0609.1 |
| ORD-A213367 | 0609.1 |
| ORD-A213391 | 0609.1 |
| ORD-A213404 | 1905.2 |
| ORD-A213406 | 1905.1 |
| ORD-A213407 | 1905.1 |
| ORD-A213408 | 1905.2 |
| ORD-A213410 | 1905.1 |
| ORD-A213411 | 1905.2 |
| ORD-A213412 | 1905.2 |
| ORD-A213413 | 1905.2 |
| ORD-A213414 | 1905.2 |
| ORD-A213415 | 1905.1 |
| ORD-A213416 | 1905.2 |
| ORD-A213417 | 1905.2 |
| ORD-A213418 | 1905.2 |
| ORD-A213419 | 1905.2 |
| ORD-A213420 | 1905.1 |
| ORD-A213421 | 1905.2 |
| ORD-A213422 | 1905.1 |
| ORD-A213423 | 1905.2 |
| ORD-A213424 | 1905.2 |
| ORD-A213425 | 1905.2 |
| ORD-A213427 | 1905.1 |
| ORD-A213428 | 1905.1 |
| ORD-A213429 | 1905.2 |
| ORD-A213430 | 1905.1 |
| ORD-A213431 | 1905.1 |
| ORD-A213432 | 1905.2 |
| ORD-A213434 | 1905.1 |
| ORD-A213437 | 1905.1 |
| ORD-A213438 | 1905.1 |
| ORD-A213439 | 1905.2 |
| ORD-A213441 | 1905.1 |
| ORD-A213442 | 1905.1 |
| ORD-A213443 | 1905.2 |
| ORD-A213445 | 1905.1 |
| ORD-A213446 | 1905.1 |
| ORD-A213447 | 1905.1 |
| ORD-A213448 | 1905.2 |
| ORD-A213449 | 1905.2 |
| ORD-A213509 | 2401 |
| ORD-A213578K | 0613.1 |
| ORD-A213578L | 0613.1 |
| ● ORD-A213649 | 1302 |
| ORD-A213660 | 1905.1 |
| ORD-A213661 | 1905.1 |
| ORD-A213662 | 1905.1 |
| ORD-A213667A | 0608 |
| ORD-A213667A | 0609.2 |
| ORD-A213670B | 0609.2 |
| ORD-A213672 | 0613.2 |
| ORD-A213702 | 1905.2 |
| ORD-A213728 | 1905.1 |
| ORD-A213730 | 1905.1 |
| ORD-A213731 | 1905.2 |
| ORD-A213732 | 1905.2 |
| ORD-A213733 | 1905.1 |
| ORD-A213734 | 1905.1 |
| ORD-A213735 | 0613.2 |
| ORD-A213736 | 1905.2 |
| ORD-A213738 | 1905.2 |
| ORD-A213739 | 1905.2 |
| ORD-A213740 | 1905.2 |
| ORD-A213742 | 1905.2 |
| ORD-A213784E | 0106.6 |
| ORD-A213784G | 0106.6 |
| ORD-A213785B | 0106.6 |
| ORD-A213785Q | 0106.6 |
| ORD-A213786A | 0311 |
| ORD-A213811 | 2208.1 |
| ORD-A213812 | 2208.1 |
| ORD-A213823E | 0613.1 |
| ORD-A213824 | 0613.1 |
| ORD-A213831 | 2401 |
| ORD-A213876 | 0613.2 |
| OG-214194 | 1905.61 |
| OG-214210 | 1905.65 |
| OG-214210 | 1905.68 |
| OG-214211 | 1905.5 |
| OG-214212 | 1905.5 |
| OG-214219 | 1905.65 |
| OG-214219 | 1905.68 |
| OG-214223 | 1905.5 |
| OG-214322 | 1905.65 |
| OG-214429 | 1905.7 |
| OG-214430 | 1905.7 |
| OG-214431 | 1905.7 |
| OG-214432 | 1905.7 |
| OG-214433 | 1905.7 |
| OG-214434 | 1905.7 |
| OG-214435 | 1905.7 |
| OG-214436 | 1905.7 |
| OG-214602 | 1905.3 |
| ORD-A214709 | 0601.5 |
| ORD-A214710 | 0601.5 |
| ORD-A214711 | 0601.5 |
| ORD-A214712 | 0601.5 |
| ORD-A214713 | 0601.5 |
| ORD-A214730 | 0601.5 |
| ORD-A214739 | 0302.2 |
| OG-214944 | 1905.68 |
| ORD-A214987 | 0302.2 |
| OG-214992 | 1905.5 |
| OG-214995 | 1905.61 |

● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)

| Part No. | Group |
|---|---|
| ORD-A215022 | 0603.5 |
| OG-215038 | 1905.61 |
| OG-215041 | 1905.61 |
| OG-215046 | 1905.61 |
| OG-215181 | 1905.3 |
| ORD-A215234 | 0604.58 |
| OG-215260 | 1905.5 |
| OG-215262 | 1905.3 |
| OG-215262 | 1905.5 |
| OG-215265 | 1905.5 |
| OG-215269 | 1905.5 |
| OG-215270 | 1905.3 |
| OG-215270 | 1905.5 |
| ORD-A215352 | 0201 |
| ● ORD-A215354 | 1301 |
| OG-215572 | 1905.5 |
| OG-215598 | 1905.5 |
| OG-215666 | 1905.3 |
| OG-215669 | 1905.3 |
| OG-215690 | 1905.7 |
| OG-215692 | 1905.7 |
| OG-215693 | 1905.7 |
| OG-215694 | 1905.7 |
| OG-215745 | 1905.3 |
| OG-215745 | 1905.5 |
| OG-215746 | 1905.61 |
| OG-215747 | 1905.5 |
| OG-215748 | 1905.61 |
| OG-215750 | 1905.61 |
| OG-215762 | 1905.3 |
| OG-215762 | 1905.5 |
| OG-215764 | 1905.3 |
| OG-215764 | 1905.5 |
| OG-215765 | 1905.3 |
| OG-215765 | 1905.5 |
| OG-215766 | 1905.3 |
| OG-215766 | 1905.5 |
| OG-215767 | 1905.5 |
| OG-215768 | 1905.5 |
| OG-215769 | 1905.5 |
| OG-215770 | 1905.5 |
| OG-215771 | 1905.3 |
| OG-215771 | 1905.5 |
| OG-215773 | 1905.61 |
| OG-215775 | 1905.3 |
| OG-215775 | 1905.5 |
| OG-215779 | 1905.65 |
| OG-215779 | 1905.68 |
| OG-215781 | 1905.3 |
| OG-215783 | 1905.5 |
| OG-215784 | 1905.61 |
| OG-215785 | 1905.5 |
| OG-215785 | 1905.65 |
| OG-215786 | 1905.68 |
| OG-215788 | 1905.65 |
| OG-215788 | 1905.68 |
| OG-215789 | 1905.61 |
| OG-215790 | 1905.5 |
| OG-215811 | 1905.5 |
| OG-215813 | 1905.3 |
| OG-215813 | 1905.5 |
| OG-215818 | 1905.5 |
| OG-215819 | 1905.5 |
| OG-215820 | 1905.5 |
| OG-215822 | 1905.3 |
| OG-215823 | 1905.3 |
| OG-215833 | 1905.61 |
| OG-215846 | 1905.7 |
| OG-215865 | 1905.3 |
| OG-215868 | 1905.3 |
| OG-215894 | 1905.3 |
| OG-215896 | 1905.3 |
| OG-215897 | 1905.3 |
| OG-215919 | 1905.7 |
| OG-215920 | 1905.7 |
| OG-215961 | 1905.7 |
| OG-216062 | 1905.5 |
| OG-216149 | 1905.61 |
| OG-216150 | 1905.61 |
| OG-L-216151 | 1905.5 |
| OG-216154 | 1905.5 |
| OG-216155 | 1905.5 |
| OG-216162 | 1905.5 |
| OG-216162 | 1905.61 |
| OG-216163 | 1905.5 |
| OG-216173 | 1905.5 |
| OG-216174 | 1905.61 |
| OG-216175 | 1905.5 |
| OG-216179 | 1905.3 |
| TD-2-ES-16343 | 1002 |
| OG-217147 | 1905.65 |
| OG-217148 | 1905.65 |
| OG-217215 | 1905.65 |
| OG-217217 | 1905.65 |
| OG-217218 | 1905.65 |
| OG-217219 | 1905.65 |
| ORD-A217308 | 2208.1 |
| OG-217317 | 1905.65 |
| ORD-A217369 | 2208.1 |
| OG-217373 | 1905.65 |
| OG-217376 | 1905.65 |
| ORD-A217378 | 2208.2 |
| OG-217377 | 1905.65 |
| OG-217379 | 1905.65 |
| OG-217408 | 1905.65 |
| OG-217409 | 1905.65 |
| OG-217413 | 1905.65 |
| OG-217415 | 1905.65 |
| OG-217417 | 1905.65 |
| OG-217418 | 1905.65 |
| ORD-B220986 | 0308 |
| ORD-A222874 | 2401 |
| ORD-A222913 | 2935 |
| ORD-A222997A | 0106.3 |
| ORD-A222997C | 0106.3 |
| ORD-A222998 | 0106.3 |
| ORD-A223001 | 0106.3 |
| ORD-A223269 | 0608 |
| ORD-A223271 | 0608 |
| ORD-A223272A | 0608 |
| ORD-A223272A | 0613.2 |
| ORD-A223272B | 0613.2 |
| ORD-A223272B | 0608 |
| ORD-A226211 | 0603.5 |
| ORD-B226428 | 0609.1 |
| ORD-B226429 | 0609.1 |
| ORD-B226432 | 0609.1 |
| ORD-A226512 | 1401 |
| ORD-A226520 | 1401 |
| ORD-A226554 | 0613.2 |
| ORD-A226559 | 1402 |
| ORD-A226569 | 1402 |
| ORD-A226616 | 1401 |
| ORD-A226616 | 1403 |
| ORD-A226678 | 0306 |
| ORD-A226797 | 1803.2 |
| ORD-A226797 | 1903.21 |
| ORD-A226798 | 1803.2 |
| ORD-A226798 | 1903.21 |
| ORD-A226805 | 1803.11 |
| ORD-A226807 | 1803.11 |
| ORD-A226815 | 1803.2 |
| ORD-A226815 | 1903.21 |
| ORD-A226847 | 0613.2 |
| ORD-A226862 | 0608 |
| ORD-A227553 | 1801 |
| ORD-A227605D | 2401 |
| ORD-A227606 | 2401 |
| ORD-A227611 | 2401 |
| ORD-A227614 | 2401 |
| ORD-A227622 | 2401 |
| ORD-A227647 | 1905.2 |
| ORD-A227684 | 0311 |
| ORD-A227685 | 1905.1 |
| ORD-A227686 | 1905.1 |
| ORD-A227705D | 0613.1 |
| ORD-A227716A | 1801 |
| ORD-A227773C | 0301 |
| ORD-A227788 | 1901.35 |
| ORD-A227810 | 1801 |
| ORD-A227831 | 1803.2 |
| ORD-A227831 | 1903.21 |
| ORD-A227870 | 1401 |
| ORD-A227872 | 1401 |
| ORD-A227929 | 1903.18 |
| ORD-A227932 | 1903.18 |
| ORD-A227939 | 1801 |
| ORD-A227959 | 1903.18 |
| ORD-A227962 | 1901.31 |
| ORD-A227975 | 1903.18 |
| ORD-A227992 | 1801 |
| ORD-A228011 | 1401 |
| ORD-A229665 | 0601.8 |
| ORD-A229665 | 1903.15 |
| ORD-A229666 | 1903.15 |
| ORD-A229668 | 0102 |
| ORD-A229669 | 0301 |
| ORD-A229670 | 0100 |
| ORD-A229670 | 0106.6 |
| ORD-A229710 | 0109.2 |
| ORD-A229711 | 0109.2 |
| ORD-A229712 | 0109.2 |
| ORD-A229716 | 0108 |
| ORD-A229717 | 0109.2 |
| ORD-A229718 | 0109.2 |
| ORD-A229719 | 0109.6 |
| ORD-A229720 | 0109.2 |
| ORD-A229721 | 0109.2 |
| ORD-A229723 | 0109.2 |

● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)

| Part No. | Group |
|---|---|
| ORD-A229724 | 0100 |
| ORD-A229724 | 0109.2 |
| ORD-A229725 | 0100 |
| ORD-A229725 | 0106.6 |
| ORD-A229726 | 0109.2 |
| ORD-A229727 | 0109.2 |
| ORD-A229729 | 0106.6 |
| ORD-A229732 | 0109.2 |
| ORD-A229733 | 0109.6 |
| ORD-A229734 | 0108 |
| ORD-A229735 | 0109.6 |
| ORD-A229735 | 0502 |
| ORD-A229737 | 0109.2 |
| ORD-A229737 | 0109.5 |
| ORD-A229738 | 0109.2 |
| ORD-A229739 | 0109.6 |
| ORD-A229748 | 0102 |
| ORD-A229753 | 0109.2 |
| ORD-A229758 | 0109.6 |
| ORD-A229759 | 0311 |
| EC-22996-1 | 0603.8 |
| ORD-A230948 | 0308 |
| ORD-A230952 | 0308 |
| ORD-A230953 | 0308 |
| ORD-A230955 | 0308 |
| ORD-A230964 | 0308 |
| ORD-A230967 | 0308 |
| ORD-A230971 | 0308 |
| ORD-A230975 | 0308 |
| ORD-A230976 | 0308 |
| ORD-A230977 | 0308 |
| ORD-A230981 | 0308 |
| ORD-A230982 | 0308 |
| ORD-A230983 | 0308 |
| ORD-A230984 | 0308 |
| ORD-A230988 | 0308 |
| ORD-A230989 | 0308 |
| ORD-A231595 | 0604.11 |
| ORD-A232383 | 0302.1 |
| ORD-A232881 | 0301 |
| ORD-A232955 | 0302.1 |
| ORD-A232969 | 0302.1 |
| ORD-A232988 | 0302.1 |
| ORD-A232989 | 0302.1 |
| ORD-A232991 | 0302.1 |
| ORD-A232992 | 0302.1 |
| ORD-A232993 | 0302.1 |
| ORD-A232994 | 0302.1 |
| ORD-A232996 | 0302.1 |
| ORD-A232997 | 0302.1 |
| ORD-A233880 | 1901.31 |
| ORD-A235194 | 0613.2 |
| ORD-A235501 | 1905.65 |
| ORD-A235503 | 1905.65 |
| ORD-A235512 | 1905.65 |
| ORD-A235514 | 1905.65 |
| ORD-A235571 | 1903.65 |
| ● ORD-A241038 | 1301 |
| ● ORD-A241039 | 1301 |
| ORD-B242409 | 1402 |
| ORD-B242419 | 0605 |
| ORD-B242718 | 1903.16 |
| ORD-B242723 | 1903.16 |
| ORD-B242750 | 1503 |
| ORD-B243858E | 0608 |
| ORD-B243858K | 0608 |
| ORD-B243858K | 0613.2 |
| ORD-B243956 | 0609.2 |
| ORD-B243974A | 0609.2 |
| ORD-A244558 | 1402 |
| ORD-A244650 | 0306 |
| ORD-A244707 | 1403 |
| ORD-A244849 | 1903.18 |
| ORD-A244852 | 1905.3 |
| ORD-A244853 | 1905.3 |
| ORD-A244854 | 1905.3 |
| ORD-A244855 | 1905.3 |
| ORD-A244856 | 1905.3 |
| ORD-A244857 | 1905.3 |
| ORD-A244858 | 1905.3 |
| ORD-A244859 | 1905.3 |
| ORD-A244860 | 1905.3 |
| ORD-A244861 | 1905.3 |
| ORD-A244878 | 0202 |
| ORD-A244879 | 0202 |
| ORD-C244880 | 0201 |
| ORD-A244881 | 0202 |
| ORD-A244882 | 0201 |
| ORD-A244884 | 0201 |
| ORD-A244885 | 0201 |
| ORD-A244894 | 0202 |
| ● ORD-A244895 | 1301 |
| ● ORD-A244896 | 1301 |
| ORD-A244900 | 1905.7 |
| ORD-A244904 | 0202 |
| ORD-A244907 | 0202 |
| ORD-A244908 | 0201 |
| ORD-A244909 | 0201 |
| ORD-A244922 | 0201 |
| ORD-A244923 | 1905.2 |
| ORD-A244947 | 0106.3 |
| ORD-A244949 | 1905.7 |
| ORD-A244950 | 1905.7 |
| ORD-A244951 | 1905.7 |
| ORD-A244952 | 1905.7 |
| ORD-A244953 | 1905.7 |
| ORD-A244954 | 1905.7 |
| ORD-A244955 | 1905.7 |
| ORD-A244956 | 1905.7 |
| ORD-A244957 | 1905.7 |
| ORD-A244958 | 1905.7 |
| ORD-A244959 | 1905.7 |
| ORD-A244961 | 1905.7 |
| ORD-A244963 | 1905.7 |
| ORD-A244964 | 1905.7 |
| ORD-A244965 | 1905.7 |
| ORD-A244966 | 1905.7 |
| ORD-A244967 | 1905.7 |
| ORD-A244969 | 0106.3 |
| ORD-A244971 | 1905.7 |
| ORD-A244976 | 1905.61 |
| ORD-A244976 | 1905.68 |
| ORD-A244977 | 1905.61 |
| ORD-A244978 | 1905.61 |
| ORD-A244979 | 1905.61 |
| ORD-A244980 | 1905.61 |
| ORD-A244981 | 1905.5 |
| ORD-A244981 | 1905.61 |
| ORD-A244982 | 1905.61 |
| ORD-A244983 | 1905.7 |
| ORD-A244988 | 1805. |
| ORD-A244989 | 1905.3 |
| ORD-A244990 | 1905.3 |
| ORD-A244991 | 1905.3 |
| ORD-A244991 | 1905.5 |
| ORD-A244992 | 1905.3 |
| ORD-A244992 | 1905.5 |
| ORD-A244993 | 1905.3 |
| ORD-A244994 | 1905.3 |
| ORD-A244994 | 1905.5 |
| ORD-A244995 | 1905.3 |
| ORD-A244995 | 1905.5 |
| ORD-A244996 | 1905.3 |
| ORD-A244996 | 1905.5 |
| ORD-A244997 | 1905.3 |
| ORD-A244997 | 1905.5 |
| ORD-A244998 | 1905.3 |
| ORD-A244998 | 1905.5 |
| ORD-A244999 | 1905.3 |
| ORD-A244999 | 1905.5 |
| ORD-A245044A | 1403 |
| ORD-A245044C | 1403 |
| ORD-D245053A | 1402 |
| ORD-A245053A | 1403 |
| ORD-A245053C | 1403 |
| ORD-A245067 | 1403 |
| ORD-A245075 | 1403 |
| ORD-A245203B | 0602 |
| ORD-B245216G | 0613.1 |
| ORD-A245447 | 2935 |
| ORD-A245550 | 1905.3 |
| ORD-A245550 | 1905.5 |
| ORD-A245551 | 1905.3 |
| ORD-A245552 | 1905.3 |
| ORD-A245552 | 1905.5 |
| ORD-A245553 | 1905.3 |
| ORD-A245554 | 1905.3 |
| ORD-A245565 | 1905.3 |
| ORD-A245565 | 1905.5 |
| ORD-A245570 | 1905.65 |
| ORD-A245570 | 1905.68 |
| ORD-A245571 | 1905.65 |
| ORD-A245571 | 1905.68 |
| ORD-A245572 | 1905.61 |
| ORD-A245573 | 1905.65 |
| ORD-A245573 | 1905.68 |
| ORD-A245574 | 1905.5 |
| ORD-A245575 | 1905.5 |
| ORD-A245576 | 1905.65 |
| ORD-A245576 | 1905.68 |
| ORD-A245577 | 1905.5 |
| ORD-A245578 | 1905.65 |
| ORD-A245578 | 1905.68 |
| ORD-A245579 | 1905.5 |
| ORD-A245580 | 1905.61 |
| ORD-A245581 | 1905.5 |
| ORD-A245582 | 1905.5 |
| ORD-A245583 | 1905.5 |
| ORD-A245584 | 1905.5 |

● *Refer to the proper group 13, there is one for each type suspension.*

● *Refer to the proper group 13, there is one for each type suspension.*

● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)

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| ORD-A291132 | 0601.5 |
| ORD-A291301 | 0603.5 |
| ORD-A292983 | 0302.2 |
| ORD-A293175 | 1803.12 |
| ORD-A293176 | 1803.12 |
| ORD-A293179 | 1803.12 |
| ORD-B294332 | 0306 |
| ORD-A294456 | 1803.2 |
| ORD-A294457 | 1803.2 |
| ORD-A294540 | 1803.2 |
| ORD-A294579 | 1903.15 |
| ORD-A294625 | 1008.1 |
| ● ORD-A294628 | 1301 |
| ● ORD-A294629 | 1301 |
| ● ORD-A294630 | 1301 |
| ● ORD-A294631 | 1301 |
| ● ORD-A294632 | 1301 |
| ORD-A294633 | 1002 |
| ORD-A294634 | 1002 |
| ORD-A294659 | 2208.1 |
| ORD-A294677 | 0301 |
| ORD-A294678 | 0301 |
| ● ORD-A294714 | 1303 |
| ORD-A294724 | 1905.5 |
| ORD-B295351 | 1903.25 |
| ORD-A295847 | 1301 |
| ORD-B296303 | 0608 |
| ORD-B296308 | 0608 |
| ORD-A296606 | 0100 |
| ORD-B296644A | 0306 |
| ORD-B296644B | 0306 |
| ORD-A296648 | 0613.1 |
| ORD-A296990 | 2935 |
| ORD-A296996 | 0609.1 |
| ORD-A297010 | 1905.9 |
| ORD-A297064A | 1901.35 |
| ORD-A297091 | 1806 |
| ORD-A297091 | 2401 |
| ORD-A297154 | 1804 |
| ORD-A297203 | 2208.1 |
| ORD-A297216 | 1803.3 |
| ORD-A297225 | 1803.3 |
| ORD-A297261A | 0607 |
| ORD-A297340 | 2401 |
| ORD-A297439 | 0613.1 |
| ORD-B297535 | 0106.6 |
| ORD-A297535A | 0613.1 |
| ORD-A297535B | 0613.1 |
| ORD-A297535C | 0613.1 |
| ORD-A297535D | 0613.1 |
| ORD-A297535E | 0613.1 |
| ORD-B297542 | 0106.6 |
| ORD-B297548E | 0306 |
| ORD-B297557B | 0106.3 |
| ORD-B297646A | 0602 |
| ORD-A297646A | 0613.1 |
| ORD-A297663 | 0601.1 |
| ● ORD-B297673 | 1301 |
| ● ORD-B297674 | 1301 |
| ● ORD-B297675 | 1302 |
| ● ORD-B297676 | 1302 |
| ● ORD-B297677 | 1302 |
| ● ORD-B297678 | 1303 |
| ● ORD-B297680 | 1303 |
| ● ORD-B297681 | 1303 |
| ● ORD-B297682 | 1303 |
| ● ORD-B297682A | 1303 |
| ● ORD-B297682B | 1303 |
| ● ORD-B297683 | 1303 |
| ● ORD-B297683A | 1303 |
| ● ORD-B297683B | 1303 |
| ● ORD-B297684 | 1303 |
| ● ORD-B297685 | 1303 |
| ● ORD-B297691 | 1305 |
| ORD-A297739 | 0613.1 |
| ORD-A297801 | 0608 |
| ORD-A297802 | 0607 |
| ORD-B298139 | 0608 |
| ORD-B298179 | 0607 |
| ORD-B298188 | 0614 |
| ORD-B298191 | 0607 |
| ORD-B298221 | 2914 |
| ORD-B298263 | 0616 |
| ORD-B298267 | 0614 |
| ORD-B298268 | 0616 |
| ORD-A298391 | 0608 |
| ORD-A298394 | 0607 |
| ORD-A298410A | 0613.1 |
| ORD-B300349 | 1905.61 |
| ORD-B300472 | 1901.21 |
| ORD-B300473 | 0613.2 |
| ORD-B300474 | 0613.2 |
| ORD-B300476 | 0613.2 |
| ORD-B300592 | 1901.21 |
| ORD-B300603 | 0613.2 |
| ORD-B300617 | 0613.2 |
| ORD-B300619 | 1903.11 |
| ORD-B300620 | 1903.11 |
| ORD-B300723 | 2914 |
| ORD-B300746 | 2914 |
| ORD-B300790 | 1903.11 |
| ORD-B300791 | 1903.11 |
| ORD-B300845 | 0608 |
| ORD-B300924 | 1903.11 |
| ORD-B300937 | 1903.11 |
| ORD-B301138 | 1905.2 |
| ORD-B301320 | 0613.2 |
| ORD-A302260 | 0601.5 |
| ORD-A302605 | 1503 |
| ORD-A302675 | 1903.15 |
| ORD-A302676 | 1903.15 |
| ORD-A302677 | 1903.15 |
| ORD-A303293 | 0301 |
| ORD-A303334 | 0301 |
| ORD-A303337 | 0301 |
| ORD-A303338 | 0301 |
| ORD-A303350 | 0301 |
| ORD-A303380 | 0301 |
| ORD-A303728 | 0301 |
| ORD-A303761 | 0301 |
| ORD-A303764 | 0301 |
| ORD-A303861 | 0301 |
| ORD-A303862 | 0301 |
| ORD-A303863 | 0301 |
| ORD-A303864 | 0301 |
| ORD-A303865 | 0301 |
| ORD-A303866 | 0301 |
| ORD-A303867 | 0301 |
| ORD-A303868 | 0301 |
| ORD-A303879 | 0301 |
| ORD-A303880 | 0301 |
| ORD-A303881 | 0301 |
| ORD-A303882 | 0301 |
| ORD-A303884 | 0301 |
| ORD-A303885 | 0301 |
| ORD-A303886 | 0301 |
| ORD-A303890 | 0301 |
| ORD-A303891 | 0301 |
| ORD-A303894 | 0301 |
| ORD-A303941 | 0301 |
| ORD-A303965 | 0301 |
| ORD-A304000 | 0301 |
| ORD-A304001 | 0301 |
| ORD-A304002 | 0301 |
| ORD-A304008 | 0301 |
| ORD-A304009B | 0301 |
| ORD-A304010 | 0301 |
| ORD-A304114 | 0301 |
| ORD-A304115 | 0301 |
| ORD-A304116 | 0301 |
| ORD-A304123 | 0301 |
| ORD-A304125 | 0301 |
| ORD-A309448 | 0604.11 |
| ORD-A309449 | 0604.11 |
| ORD-A309450A | 0604.11 |
| ORD-A309450E | 0604.11 |
| ORD-A309450F | 0604.11 |
| ORD-A309451F | 0604.11 |
| ORD-A312530 | 0607 |
| TD-3-ES-16194 | 1002 |
| ORD-A323138 | 0302.2 |
| ORD-A323139 | 0302.2 |
| ORD-B325644 | 0106.6 |
| ORD-B325645 | 0106.6 |
| ORD-B325646 | 0401 |
| ORD-B325650 | 0106.6 |
| ORD-B325664 | 0106.6 |
| ORD-B325667 | 0106.6 |
| ORD-A326000 | 0604.11 |
| ORD-A326001 | 0604.11 |
| ORD-A326003 | 0604.11 |
| ORD-A326005 | 0604.11 |
| ORD-A326010 | 0604.11 |
| ORD-A326011 | 0604.11 |
| ORD-A326012 | 0604.11 |
| ORD-A326014 | 0604.11 |
| ORD-A326015 | 0604.11 |
| ORD-A326016 | 0604.11 |
| ORD-A326017 | 0604.11 |
| ORD-A326019 | 0604.11 |
| ORD-A326020 | 0604.11 |
| ORD-A326024 | 0604.11 |
| ORD-A326025 | 0604.11 |
| ORD-A326028 | 0604.11 |
| ORD-A326029 | 0604.11 |
| ORD-A326030 | 0604.11 |
| ORD-A326031 | 0604.11 |
| ORD-A326032 | 0604.11 |
| ORD-A326033 | 0604.11 |

● *Refer to the proper group 13, there is one for each type suspension.*

| Part No. | Group | Part No. | Group | Part No. | Group |
|---|---|---|---|---|---|
| ORD-A326036 | 0604.11 | ORD-A326259 | 0604.11 | ORD-A345749 | 0607 |
| ORD-A326037 | 0604.11 | ORD-A326262 | 0604.11 | ORD-A345749D | 0607 |
| ORD-A326039 | 0604.11 | ORD-A326263 | 0604.11 | ORD-A345752E | 0106.6 |
| ORD-A326041 | 0604.11 | ORD-A326266 | 0604.11 | ORD-A345752H | 0106.6 |
| ORD-A326044 | 0604.11 | ORD-A326267 | 0604.11 | ORD-A345752K | 0106.6 |
| ORD-A326045 | 0604.11 | ORD-A326268 | 0604.11 | ORD-A345752L | 0106.6 |
| ORD-A326049 | 0604.11 | ORD-A326269 | 0604.11 | ORD-A345752M | 0106.6 |
| ORD-A326050 | 0604.11 | ORD-A326332 | 1503 | ORD-A345752N | 0106.6 |
| ORD-A326051 | 0604.11 | ORD-A326456 | 2935 | ORD-A345752P | 0106.6 |
| ORD-A326052 | 0604.11 | ORD-A326507 | 1701 | ORD-A345752Q | 0106.6 |
| ORD-A326055 | 0604.11 | ORD-A326508 | 1701 | ● ORD-A345781 | 1301 |
| ORD-A326063 | 0604.11 | ORD-A326522C | 0613.1 | ORD-A345792A | 2208.2 |
| ORD-A326065 | 0604.11 | ORD-A326582C | 1905.9 | ORD-A345792B | 0607 |
| ORD-A326071 | 0604.11 | ORD-A326626 | 0311 | ORD-A345833 | 1803.11 |
| ORD-A326077 | 0604.11 | ORD-A326749 | 1803.11 | ORD-A345866A | 1801 |
| ORD-A326078 | 0604.11 | ORD-A326750 | 1803.11 | ● ORD-A345867 | 1301 |
| ORD-A326079 | 0604.11 | ORD-A326752 | 0201 | ● ORD-A345868 | 1301 |
| ORD-A326080 | 0604.11 | ORD-A326985 | 2937 | ORD-A345877 | 0613.2 |
| ORD-A326083 | 0604.11 | ORD-A326986 | 2935 | ORD-A346031A | 0306 |
| ORD-A326094 | 0604.11 | ORD-B327288 | 0601.5 | ORD-A346031B | 0306 |
| ORD-A326095 | 0604.11 | ORD-A328255A | 1403 | ORD-A346032A | 0306 |
| ORD-A326096 | 0604.11 | ORD-A328413C | 0613.1 | ORD-A346032B | 0306 |
| ORD-A326097 | 0604.11 | ORD-A328435 | 1905.65 | ORD-A346036 | 0306 |
| ORD-A326098 | 0604.11 | ORD-A328436 | 1905.65 | ORD-A346508 | 0609.1 |
| ORD-A326099 | 0604.11 | ORD-A328437 | 1905.65 | ORD-A347057 | 1901.35 |
| ORD-A326100 | 0604.11 | ORD-A328438 | 1905.65 | ORD-A347189 | 1803.3 |
| ORD-A326103 | 0604.11 | ORD-A328439 | 1905.65 | ORD-A347194 | 1903.16 |
| ORD-A326109 | 0604.11 | ORD-A328440 | 1905.65 | ORD-A347195 | 1903.16 |
| ORD-A326133 | 0604.11 | ORD-A328441 | 1905.65 | ORD-A347203 | 1806 |
| ORD-A326159 | 0604.11 | ORD-A328442 | 1905.65 | ORD-A347203 | 1901.35 |
| ORD-A326163 | 0604.11 | ORD-A328444 | 1905.65 | ORD-A347207 | 0601.1 |
| ORD-A326164 | 0604.11 | ORD-A328445 | 1905.65 | ORD-A348044A | 1803.2 |
| ORD-A326166 | 0604.11 | ORD-A328490 | 0607 | ORD-A348044A | 1903.21 |
| ORD-A326167 | 0604.11 | ORD-A329971 | 0613.1 | ORD-A348044C | 1803.2 |
| ORD-A326170 | 0604.11 | ORD-A330545 | 0613.1 | ORD-A348044C | 1903.21 |
| ORD-A326171 | 0604.11 | ORD-A336044 | 1905.2 | ORD-A348045 | 1903.25 |
| ORD-A326172 | 0604.11 | ORD-A336055 | 1905.2 | ● ORD-A348327 | 1303 |
| ORD-A326173 | 0604.11 | ORD-A336189 | 1905.2 | ORD-A348366 | 0607 |
| ORD-A326176 | 0604.11 | ORD-A336340A | 1901.21 | ORD-A348815 | 1803.3 |
| ORD-A326178 | 0604.11 | ORD-A336340B | 1901.21 | ORD-A348873 | 1905.61 |
| ORD-A326185 | 0604.11 | ORD-A336377B | 1901.21 | ORD-A348895 | 1901.21 |
| ORD-A326218 | 0604.11 | ORD-B337081 | 1903.15 | ORD-A348895 | 1905.1 |
| ORD-A326236 | 0604.11 | ORD-B337186 | 1903.15 | ORD-A349121 | 1901.21 |
| ORD-A326237 | 0604.11 | ORD-A337189 | 1903.15 | ORD-A349122 | 1901.21 |
| ORD-A326238 | 0604.11 | ORD-B337190 | 1903.15 | ORD-A349203 | 1901.21 |
| ORD-A326239 | 0604.11 | ORD-B337191 | 1903.15 | ORD-A349204 | 1901.21 |
| ORD-A326240 | 0604.11 | ORD-B337720A | 1903.11 | ORD-A349209 | 0608 |
| ORD-A326241 | 0604.11 | ORD-B337720B | 1903.11 | ORD-A349210B | 0608 |
| ORD-A326243 | 0604.11 | ORD-B337770 | 0613.2 | ORD-A349269 | 0613.2 |
| ORD-A326244 | 0604.11 | ORD-B337771 | 0613.2 | ORD-A349393 | 2914 |
| ORD-A326246 | 0604.11 | ORD-B337790 | 0613.2 | ORD-A349401 | 2941 |
| ORD-A326247 | 0604.11 | ORD-B337791 | 0613.2 | ORD-A349403 | 2941 |
| ORD-A326248 | 0604.11 | ORD-B337816 | 0613.2 | ORD-A349437 | 1903.11 |
| ORD-A326249 | 0604.11 | ORD-B337924 | 0608 | ORD-A349438 | 1903.11 |
| ORD-A326250 | 0604.11 | ORD-B337925 | 0608 | ORD-A349455 | 1805 |
| ORD-A326251 | 0604.11 | ORD-B337927 | 0613.2 | ORD-A349464 | 1805 |
| ORD-A326252 | 0604.11 | ORD-B337929 | 0608 | ORD-A349478 | 1903.11 |
| ORD-A326253 | 0604.11 | ORD-A343387 | 0309 | ORD-A349487 | 1903.11 |
| ORD-A326254 | 0604.11 | ORD-A345550 | 1801 | ORD-A349496 | 1905.1 |
| ORD-A326255 | 0604.11 | ORD-A345641 | 1402 | ORD-A349506 | 1901.21 |
| ORD-A326256 | 0604.11 | ORD-A345642 | 1402 | ORD-A349513 | 0613.2 |
| ORD-A326257 | 0604.11 | ORD-A345649 | 1402 | ORD-A349516 | 1801 |
| ORD-A326258 | 0604.11 | ORD-A345746 | 1804 | ORD-A349522 | 0613.2 |

● *Refer to the proper group 13, there is one for each type suspension.*

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| ORD-A349647 | 1903.11 |
| ORD-A349658 | 1903.11 |
| ORD-A349667 | 0613.1 |
| ORD-A349694 | 1905.2 |
| ORD-A349697 | 1903.11 |
| ORD-A349698 | 1903.11 |
| ORD-A349704 | 0608 |
| WE-MC-3551-37 | 1905.9 |
| WE-MC-3596-19 | 1905.9 |
| AIR-AN365-428 | 1402 |
| AIR-AN365-524 | 1402 |
| WE-MC-3686-37 | 1905.9 |
| ● ORD-A380854 | 1302 |
| ORD-A381009 | 1403 |
| ORD-A381010 | 1403 |
| ORD-A381067 | 1903.25 |
| ORD-A381088 | 0608 |
| ORD-A381113 | 2208.2 |
| ORD-A381114 | 0601.1 |
| ORD-A381114 | 2208.2 |
| ORD-A381121 | 1803.3 |
| ORD-A381126 | 0601.1 |
| ORD-A381126 | 2208.2 |
| ORD-A381127 | 2208.2 |
| ORD-A381128 | 2208.2 |
| ORD-A381130 | 2208.2 |
| ORD-A381131 | 2208.2 |
| ORD-A381138 | 1403 |
| ORD-A381166 | 0401 |
| ORD-A381170 | 0401 |
| ORD-A381173 | 0401 |
| ORD-B381179 | 1801 |
| ORD-A381219 | 1803.3 |
| ORD-A381220 | 1803.3 |
| ORD-A381221 | 1803.3 |
| ORD-A381222A | 1803.3 |
| ORD-A381222B | 1803.3 |
| ORD-A381308 | 1903.25 |
| ORD-A381320 | 1803.2 |
| ORD-A381320 | 1903.21 |
| ORD-A381325B | 0613.1 |
| ● ORD-A381352 | 1302 |
| ORD-A381358 | 1401 |
| ORD-A381359 | 1401 |
| ORD-A381362 | 1401 |
| ORD-A381363 | 1403 |
| ORD-A381364 | 1403 |
| ORD-A381365 | 1401 |
| ORD-A381366 | 1401 |
| ORD-A381367 | 1401 |
| ORD-A381385 | 1806 |
| ORD-A381395 | 1806 |
| ORD-A381396 | 1806 |
| ORD-A381397 | 1806 |
| ORD-A381398 | 1806 |
| ORD-A381399 | 1806 |
| ORD-A381400 | 1806 |
| ORD-A381401 | 1806 |
| ORD-A381402 | 1806 |
| ORD-A381403 | 1806 |
| ORD-A381404 | 1806 |
| ORD-A381405 | 1806 |
| ORD-A381406 | 1806 |
| ORD-A381407 | 1806 |
| ORD-A381430 | 2208.2 |
| ORD-A381457 | 1803.3 |
| ORD-A381458 | 1803.3 |
| ORD-A381479 | 1903.16 |
| ORD-A381601 | 0608 |
| ORD-A381609 | 2939 |
| ORD-A381610 | 0607 |
| ORD-A381632A | 0306 |
| ORD-A381632F | 0306 |
| ORD-A381632K | 0311 |
| ORD-A381632N | 0306 |
| ORD-A381635B | 0306 |
| ORD-A381903 | 0106.6 |
| ORD-A381903 | 0613.1 |
| BS-382498 | 0301 |
| BS-382512 | 0301 |
| ORD-A382626 | 1903.15 |
| ORD-A382631A | 2401 |
| ORD-A382631B | 2401 |
| ORD-A383099 | 0309 |
| ORD-A383108 | 0306 |
| BS-383194 | 0301 |
| BS-383195 | 0301 |
| BS-383199 | 0301 |
| BS-383350 | 0301 |
| BS-P383352 | 0301 |
| ORD-A383368 | 0106.2 |
| ORD-A383373 | 0106.6 |
| BS-383382 | 0301 |
| BS-383383 | 0301 |
| BS-383385 | 0301 |
| BS-383386 | 0301 |
| BS-383388 | 0301 |
| BS-383389 | 0301 |
| BS-383390 | 0301 |
| BS-383392 | 0301 |
| BS-383393 | 0301 |
| BS-383394 | 0301 |
| BS-383395 | 0301 |
| BS-383397 | 0301 |
| BS-383400 | 0301 |
| BS-383403 | 0301 |
| ORD-A383405 | 0106.3 |
| BS-383405 | 0301 |
| BS-383407 | 0301 |
| BS-383408 | 0301 |
| BS-383409 | 0301 |
| BS-383410 | 0301 |
| BS-383411 | 0301 |
| BS-383412 | 0301 |
| BS-383413 | 0301 |
| BS-383414 | 0301 |
| BS-383415 | 0301 |
| BS-383417 | 0301 |
| BS-383418 | 0301 |
| BS-383419 | 0301 |
| BS-383420 | 0301 |
| BS-383421 | 0301 |
| BS-383424 | 0301 |
| BS-383427 | 0301 |
| BS-383428 | 0301 |
| ORD-A383509 | 1806 |
| BS-383532 | 0301 |
| ORD-A383538 | 1403 |
| ORD-A383560 | 1301 |
| ORD-A383571 | 1403 |
| ● ORD-A383579 | 1301 |
| BS-383580 | 0301 |
| BS-383597 | 0301 |
| BS-383601 | 0301 |
| ● ORD-A383608 | 1301 |
| ORD-A383610 | 0311 |
| ORD-A383611 | 1803.11 |
| ORD-A383612 | 0611 |
| BS-383621 | 0301 |
| BS-383622 | 0301 |
| BS-383623 | 0301 |
| ORD-A383624 | 0611 |
| ORD-A383632 | 1403 |
| ORD-A383633 | 1403 |
| ORD-A383634 | 1403 |
| ORD-A383636 | 1403 |
| ORD-A383638 | 1403 |
| ORD-A383640 | 1403 |
| ORD-A383643 | 1804 |
| BS-383662 | 0301 |
| BS-383663 | 0301 |
| ORD-A383667 | 1905.61 |
| ORD-A383677 | 1403 |
| ORD-A383877 | 1403 |
| ORD-A383894 | 0306 |
| ORD-A383896 | 1403 |
| ORD-A383908 | 1402 |
| ORD-A383909 | 1402 |
| ORD-A383910A | 1402 |
| ORD-A383910B | 1402 |
| ORD-A383910C | 1402 |
| ORD-A383910C | 1403 |
| ORD-A383920 | 1403 |
| ORD-A383957 | 1402 |
| ORD-A383965 | 1403 |
| ORD-A383969 | 1402 |
| BS-384011 | 0301 |
| BS-384012 | 0301 |
| BS-384014 | 0301 |
| ORD-D38405A3 | 0106.6 |
| BS-384069 | 0301 |
| BS-384070 | 0301 |
| BS-384073 | 0301 |
| BS-384074 | 0301 |
| BS-384075 | 0301 |
| BS-384076 | 0301 |
| BS-384078 | 0301 |
| BS-384080 | 0301 |
| BS-384085 | 0301 |
| ORD-A384283 | 1801 |
| ORD-A384284 | 1801 |
| ● ORD-A384315 | 1301 |
| ● ORD-A384316 | 1301 |
| ● ORD-A384316 | 1302 |
| ● ORD-A384316 | 1303 |
| ● ORD-A384317 | 1301 |
| ● ORD-A384320 | 1301 |
| ORD-A384322 | 1604 |

● *Refer to the proper group 13, there is one for each type suspension.*

● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)

| Part No. | Group |
|---|---|
| AIR-AN960-516L | 1402 |
| ORD-C99334-1 | 1004 |
| SCI-10-12846W | 0604.11 |
| SCI-10-13343 | 0604.11 |
| SCI-10-14068 | 0604.11 |
| SCI-10-1792-1 | 0604.11 |
| SCI-10-1792-2 | 0604.11 |
| SCI-10-1792-3 | 0604.11 |
| SCI-10-1792-4 | 0604.11 |
| SCI-10-1792-5 | 0604.11 |
| SCI-10-17993 | 0604.11 |
| SCI-10-17994 | 0604.11 |
| SCI-10-17996 | 0604.11 |
| SCI-10-18098 | 0604.11 |
| SCI-10-18099 | 0604.11 |
| SCI-10-18918 | 0604.11 |
| SCI-10-21721 | 0604.11 |
| SCI-10-22067 | 0604.11 |
| SCI-10-25118 | 0604.11 |
| SCI-10-25324 | 0604.11 |
| SCI-10-29004 | 0604.11 |
| SCI-10-29005 | 0604.11 |
| DR-1115482 | 0604.58 |
| DR-1117309 | 0601.5 |
| AC-1218390 | 0302.2 |
| AC-1411094 | 0100 |
| AC-1411094 | 0302.2 |
| AC-1521288 | 0302.2 |
| AC-1521553 | 0302.2 |
| AC-1522023 | 0302.2 |
| AC-1522024 | 0302.2 |
| AC-1522077 | 0302.2 |
| AC-1523106 | 0302.2 |
| AC-1523118 | 0302.2 |
| AC-1523120 | 0302.2 |
| AC-1523121 | 0302.2 |
| AC-1523259 | 0302.2 |
| AC-1523887 | 0302.2 |
| AC-1531288 | 0302.2 |
| AC-1537096 | 0302.2 |
| AC-1537097 | 0302.2 |
| AC-1537928 | 0302.2 |
| AC-1537929 | 0302.2 |
| AC-1537930 | 0302.2 |
| AC-1537931 | 0302.2 |
| AC-1537932 | 0302.2 |
| AC-1537933 | 0302.2 |
| AC-1538048 | 0302.2 |
| AC-1538287 | 0302.2 |
| AC-1538299 | 0302.2 |
| AC-1538356 | 0302.2 |
| AC-1538357 | 0302.2 |
| AC-1538358 | 0302.2 |
| AC-1538359 | 0302.2 |
| AC-1538456 | 0302.2 |
| AC-1538678 | 0302.2 |
| AC-1538679 | 0302.2 |
| AC-1538698 | 0302.2 |
| AC-1538753 | 0302.2 |
| AC-1538769 | 0302.2 |
| AC-1538815 | 0302.2 |
| AC-1567026 | 2208.1 |
| AC-1567471 | 2208.2 |
| DR-1687725 | 0603.5 |
| ORD-A171542A6 | 0106.6 |
| ORD-B183282-4 | 1905.2 |
| DR-1855685 | 0603.5 |
| DR-1861076 | 0603.5 |
| DR-1861998 | 0604.58 |
| DR-1862482 | 0601.5 |
| DR-1864533 | 0603.5 |
| DR-1872057 | 0603.5 |
| DR-1872618 | 0601.5 |
| DR-1877700 | 0604.58 |
| DR-1879732 | 0604.58 |
| DR-1884040 | 0604.58 |
| DR-1886500 | 0603.5 |
| DR-1887322 | 0603 |
| DR-1887323 | 0603.5 |
| DR-1887324 | 0603.5 |
| DR-1887343 | 0603.5 |
| DR-1887356 | 0603.5 |
| DR-1887416 | 0603.5 |
| DR-1887535 | 0603.5 |
| DR-1887633 | 0603.5 |
| DR-1887634 | 0603 |
| DR-1887645 | 0603.5 |
| DR-1887658 | 0603 |
| DR-1887661 | 0603.5 |
| DR-1887662 | 0603.5 |
| DR-1887663 | 0603.5 |
| DR-1887664 | 0603.5 |
| DR-1887665 | 0603.5 |
| DR-1887670 | 0603.5 |
| DR-1887671 | 0603.5 |
| DR-1887672 | 0603.5 |
| DR-1887673 | 0603.5 |
| DR-1887674 | 0603.5 |
| DR-1887675 | 0603.5 |
| DR-1887676 | 0603.5 |
| DR-1887677 | 0603.5 |
| DR-1887678 | 0603.5 |
| DR-1887679 | 0603.5 |
| DR-1887680 | 0603.5 |
| DR-1887681 | 0603.5 |
| DR-1887682 | 0603.5 |
| DR-1887684 | 0603.5 |
| DR-1887685 | 0603.5 |
| DR-1887686 | 0603.5 |
| DR-1887687 | 0603.5 |
| DR-1887689 | 0603.5 |
| DR-1887692 | 0603.5 |
| DR-1887693 | 0603.5 |
| DR-1887694 | 0603.5 |
| DR-1887695 | 0603.5 |
| DR-1887696 | 0603.5 |
| DR-1887697 | 0603.5 |
| DR-1887698 | 0603.5 |
| DR-1887699 | 0603.5 |
| DR-1887700 | 0603 |
| DR-1887701 | 0603.5 |
| DR-1887703 | 0603 |
| DR-1887708 | 0603.5 |
| DR-1887709 | 0603.5 |
| DR-1887710 | 0603.5 |
| DR-1887711 | 0603.5 |
| DR-1887712 | 0603.5 |
| DR-1887713 | 0603.5 |
| DR-1887714 | 0603.5 |
| DR-1887715 | 0603.5 |
| DR-1887716 | 0603.5 |
| DR-1887717 | 0603.5 |
| DR-1887718 | 0603.5 |
| DR-1887719 | 0603.5 |
| DR-1887720 | 0603.5 |
| DR-1887721 | 0603 |
| DR-1887722 | 0603.5 |
| DR-1887726 | 0603.5 |
| DR-1887727 | 0603.5 |
| DR-1887728 | 0603.5 |
| DR-1887729 | 0603.5 |
| DR-1887730 | 0603.5 |
| DR-1887753 | 0603.5 |
| DR-1887756 | 0603.5 |
| DR-1887757 | 0603.5 |
| DR-1887758 | 0603.5 |
| DR-1887759 | 0603.5 |
| DR-1887761 | 0603.5 |
| DR-1887762 | 0603.5 |
| DR-1887790 | 0603.5 |
| DR-1887851 | 0603 |
| DR-1888393 | 0603 |
| DR-1888394 | 0603.5 |
| DR-1888444 | 0603.5 |
| DR-1889015 | 0601.5 |
| DR-1889420 | 0604.58 |
| DR-1889621 | 0601.5 |
| DR-1889779 | 0604.58 |
| DR-1889791 | 0604.58 |
| DR-1889793 | 0604.58 |
| DR-1889794 | 0604.58 |
| DR-1889795 | 0604.58 |
| DR-1889796 | 0604.58 |
| DR-1889797 | 0604.58 |
| DR-1889900 | 0604.58 |
| DR-1900310 | 0601.5 |
| DR-1900316 | 0603.5 |
| DR-1900318 | 0603.5 |
| DR-1900333 | 0603.5 |
| DR-1900341 | 0603.5 |
| DR-1900342 | 0603.5 |
| DR-1901204 | 0601.5 |
| DR-1901425 | 0601.5 |
| DR-1901432 | 0604.58 |
| DR-1901832 | 0601.5 |
| DR-1901940 | 0603.5 |
| DR-1902020 | 0601.5 |
| DR-1902024 | 0601.5 |
| DR-1902033 | 0601.5 |
| DR-1902034 | 0601.5 |
| DR-1902035 | 0601.5 |
| DR-1902036 | 0601.5 |
| DR-1902037 | 0601.5 |
| DR-1902042 | 0601.5 |
| DR-1902047 | 0601.5 |
| DR-1902048 | 0601.5 |
| DR-1902049 | 0601.5 |
| DR-1902051 | 0601.5 |
| DR-1902052 | 0601.5 |

● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

# ORDNANCE AND MANUFACTURERS' PART NUMBER INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

# STOCK NUMBER INDEX

**This index includes three types of stock numbers which are not intermixed, the SNL prefix type, the stock class code (manufacturer's numerical symbol) prefix type and federal stock numbers. These numbers are each arranged numerically by types. H-group SNL stock numbers are not included in this index as such parts appear in too many groups to be of value in an index.**



● *Refer to the proper group 13, there is one for each type suspension.*

# STOCK NUMBER INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

# STOCK NUMBER INDEX (Cont.)

| Number | Group |
|---|---|
| G103-0501509 | 0603.5 |
| G103-0501524 | 0603.5 |
| G103-0501525 | 0603.5 |
| G103-0501526 | 0603.5 |
| G103-0501563 | 0603.5 |
| G103-0501564 | 0603.5 |
| G103-0501573 | 0603.8 |
| G103-0501574 | 0603.5 |
| G103-0501575 | 0603.5 |
| G103-0501576 | 0603.5 |
| G103-0501577 | 0603.5 |
| G103-0501611 | 0603.5 |
| G103-0501612 | 0603.5 |
| G103-0501613 | 0603.5 |
| G103-0501723 | 0603.5 |
| G103-0501724 | 0603.5 |
| G103-0501726 | 0603.5 |
| G103-0501727 | 0603.5 |
| G103-0501728 | 0603.5 |
| G103-0501742 | 0603.5 |
| G103-0501746 | 0603.5 |
| G103-0501747 | 0603.5 |
| G103-0501760 | 0604.51 |
| G103-0501772 | 0604.58 |
| G103-0501782 | 0603.5 |
| G103-0501783 | 0603.5 |
| G103-0501788 | 0603.5 |
| G103-0501789 | 0603.5 |
| G103-0501790 | 0603.5 |
| G103-0501792 | 0603.5 |
| G103-0501840 | 0601.8 |
| G103-0501844 | 0603.5 |
| G103-0501869 | 0603.5 |
| G103-0501871 | 0603.5 |
| G103-0501941 | 0603.5 |
| G103-0501942 | 0603.5 |
| G103-0501943 | 0603.5 |
| G103-0501944 | 0603.5 |
| G103-0501959 | 0603.5 |
| G103-0501972 | 0603.5 |
| G103-0501983 | 0603.5 |
| G103-0501984 | 0603.5 |
| G103-0501985 | 0603.5 |
| G103-0501986 | 0603.5 |
| G103-0502020 | 0601.8 |
| G103-0502083 | 0604.11 |
| G103-0502084 | 0604.11 |
| G103-0502085 | 0604.11 |
| G103-0502086 | 0604.11 |
| G103-0502087 | 0604.11 |
| G103-0502088 | 0604.11 |
| G103-0502099 | 0603.5 |
| G103-0502101 | 0603.5 |
| G103-0502265 | 0603.5 |
| G103-0502268 | 0603 |
| G103-0502269 | 0603.5 |
| G103-0502298 | 0603.5 |
| G103-0502299 | 0603.5 |
| G103-0502301 | 0603.5 |
| G103-0502302 | 0603.5 |
| G103-0502303 | 0603.5 |
| G103-0502306 | 0604.11 |
| G103-0502311 | 0604.11 |
| G103-0502312 | 0604.11 |
| G103-0502313 | 0604.11 |
| G103-0502314 | 0604.11 |
| G103-0502315 | 0604.11 |
| G103-0502316 | 0604.11 |
| G103-0502320 | 0604.11 |
| G103-0502321 | 0604.11 |
| G103-0502322 | 0604.11 |
| G103-0502323 | 0604.11 |
| G103-0502324 | 0604.11 |
| G103-0502325 | 0604.11 |
| G103-0502340 | 0604.11 |
| G103-0502400 | 0604.11 |
| G103-0502797 | 0603.5 |
| G103-0600260 | 0202 |
| G103-1518022 | 1803.2 |
| G103-1518022 | 1903.21 |
| G103-1518052 | 0308 |
| G103-1527754 | 1905.5 |
| G103-1527755 | 1905.7 |
| G103-1527767 | 0302.2 |
| G103-1527772 | 0603 |
| G103-1527781 | 1905.65 |
| G103-1527781 | 1905.68 |
| G103-1531611 | 1905.7 |
| G103-1531612 | 1905.7 |
| G103-1531613 | 1905.65 |
| G103-1531613 | 1905.68 |
| G103-1539674 | 0604.58 |
| G103-1540003 | 0604.58 |
| G103-1540054 | 0604.58 |
| G103-1540055 | 0604.58 |
| G103-1540062 | 1905.5 |
| G103-1583050 | 0106.2 |
| G103-1593607 | 0100 |
| G103-1593607 | 0302.2 |
| G103-1593690 | 0604.58 |
| G103-1593991 | 0106.2 |
| G103-1593992 | 0106.2 |
| G103-1593994 | 0106.2 |
| G103-1593995 | 1905.65 |
| G103-1593995 | 1905.68 |
| G103-1593996 | 1905.7 |
| G103-1594004 | 1905.3 |
| G103-1594007 | 1905.5 |
| G103-1594012 | 1905.7 |
| G103-1596019 | 1905.5 |
| G103-1596020 | 1905.5 |
| G103-1605551 | 1905.7 |
| G103-1609317 | 0609.2 |
| G103-1611406 | 0106.2 |
| G103-1617702 | 1803.2 |
| G103-1617702 | 1903.21 |
| G103-1618080 | 0603.5 |
| G103-1618081 | 0603.5 |
| G103-1663904 | 1803.2 |
| G103-1663904 | 1903.21 |
| G103-1676407 | 0302.2 |
| G103-1695725 | 0106.2 |
| G103-1707412 | 1905.7 |
| G103-1714487 | 0604.58 |
| G103-1714488 | 0604.58 |
| G103-1714776 | 0106.2 |
| G103-1714779 | 0106.2 |
| G103-1733604 | 1905.61 |
| G103-1738452 | 1803.2 |
| G103-1738452 | 1903.21 |
| G103-1738453 | 1803.2 |
| G103-1738453 | 1903.21 |
| G103-1738545 | 1905.3 |
| G103-1738545 | 1905.5 |
| G103-1738595 | 1905.61 |
| G103-1738596 | 1905.61 |
| G103-1738601 | 1905.65 |
| G103-1738601 | 1905.68 |
| G103-1738616 | 1905.5 |
| G103-1740561 | 0106.2 |
| G103-1740572 | 0301 |
| G103-1740598 | 0604.58 |
| G103-1740850 | 1905.7 |
| G103-1767661 | 1803.2 |
| G103-1767661 | 1903.21 |
| G103-1767701 | 1905.7 |
| G103-1769673 | 0609.1 |
| G103-1769695 | 1905.7 |
| G103-1781799 | 0601.8 |
| G103-1781814 | 0106.6 |
| G103-1781822 | 0106.2 |
| G103-1781872 | 1905.5 |
| G103-1781873 | 1905.5 |
| G103-1781874 | 1905.61 |
| G103-1781874 | 1905.68 |
| G103-1781876 | 1905.61 |
| G103-1781879 | 1905.3 |
| G103-1783131 | 1905.7 |
| G103-1783260 | 1803.2 |
| G103-1783260 | 1903.21 |
| G103-1783270 | 1803.2 |
| G103-1783270 | 1903-21 |
| G103-1783276 | 1803.2 |
| G103-1783276 | 1903.21 |
| G103-1784709 | 1905.5 |
| G103-1784803 | 0604.58 |
| G103-1784804 | 0604.58 |
| G103-1784842 | 0603.5 |
| G103-1784946 | 1905.7 |
| G103-1787053 | 0603.5 |
| G103-1789594 | 0603.5 |
| G103-1789601 | 1905.7 |
| G103-1789602 | 1905.61 |
| G103-1789603 | 1905.7 |
| G103-1789634 | 0106.2 |
| G103-1789768 | 1905.65 |
| G103-1789768 | 1905.68 |
| G103-1791900 | 0301 |
| G103-1792046 | 0106.2 |
| G103-1793650 | 0608 |
| G103-1793690 | 0613.2 |
| G103-1798531 | 0601.8 |
| G103-1808270 | 1905-3 |
| G103-1808270 | 1905.5 |
| G103-1842704 | 0603.5 |
| G103-1842764 | 0106.2 |
| G103-1842792 | 0106.2 |
| G103-1842794 | 1905.7 |
| G103-1847500 | 1905.7 |

● *Refer to the proper group 13, there is one for each type suspension.*

# STOCK NUMBER INDEX (Cont.)

| Number | Group |
|---|---|
| G103-2137800 | 0609.2 |
| G103-2188201 | 1905.7 |
| G103-2384603 | 0609.2 |
| G103-7000260 | 1905.9 |
| G104-0010940 | 0201 |
| G104-0100005 | 0106.6 |
| G104-0100007 | 0106.6 |
| G104-0100008 | 0109.2 |
| G104-0100009 | 0109.2 |
| G104-0100010 | 0106.11 |
| G104-0100012 | 0109.2 |
| G104-0100020 | 0105.2 |
| G104-0100035 | 0106.3 |
| G104-0100037 | 0106.3 |
| G104-0100040 | 0202 |
| G104-0100062 | 0604.11 |
| G104-0100063 | 0604.11 |
| G104-0100065 | 0301 |
| G104-0100081 | 0308 |
| G104-0100085 | 0105.2 |
| G104-0100105 | 0102 |
| G104-0100115 | 0109.1 |
| G104-0100120 | 0109.1 |
| G104-0100124 | 0104 |
| G104-0100130 | 0105.2 |
| G104-0100131 | 0308 |
| G104-0100157 | 0308 |
| G104-0100158 | 0301 |
| G104-0100159 | 0604.11 |
| G104-0100160 | 0106.11 |
| G104-0100161 | 0604.11 |
| G104-0100162 | 0604.11 |
| G104-0100170 | 0200 |
| G104-0100170 | 0201 |
| G104-0100170 | 0505 |
| G104-0100180 | 0502 |
| G104-0100190 | 0102 |
| G104-0100200 | 0301 |
| G104-0100205 | 0502 |
| G104-0100210 | 0102 |
| G104-0100212 | 0601.8 |
| G104-0100216 | 0108 |
| G104-0100220 | 0105.2 |
| G104-0100222 | 0301 |
| G104-0100235 | 0502 |
| G104-0100239 | 0108 |
| G104-0100240 | 0202 |
| G104-0100252 | 0109.2 |
| G104-0100253 | 0109.2 |
| G104-0100254 | 0604.11 |
| G104-0100256 | 0104 |
| G104-0100257 | 0104 |
| G104-0100258 | 0604.11 |
| G104-0100259 | 0604.11 |
| G104-0100261 | 0109.1 |
| G104-0100262 | 0109.3 |
| G104-0100263 | 0106.11 |
| G104-0100264 | 0109.6 |
| G104-0100266 | 0308 |
| G104-0100267 | 0308 |
| G104-0100268 | 0604.11 |
| G104-0100269 | 0301 |
| G104-0100271 | 0109.5 |
| G104-0100272 | 0109.3 |
| G104-0100273 | 0301 |
| G104-0100275 | 0301 |
| G104-0100277 | 0301 |
| G104-0100280 | 2208.2 |
| G104-0100281 | 0301 |
| G104-0100282 | 0308 |
| G104-0100284 | 0109.2 |
| G104-0100285 | 0109.2 |
| G104-0100286 | 0109.2 |
| G104-0100287 | 0109.5 |
| G104-0100288 | 0109.5 |
| G104-0100290 | 0605 |
| G104-0100291 | 0101.1 |
| G104-0100292 | 0109.1 |
| G104-0100293 | 0105.2 |
| G104-0100295 | 0604.11 |
| G104-0100298 | 2208.1 |
| G104-0100300 | 0106.11 |
| G104-0100305 | 0604.11 |
| G104-0100330 | 0105.1 |
| G104-0100347 | 0502 |
| G104-0100356 | 0311 |
| G104-0100357 | 0601.8 |
| G104-0100360 | 0502 |
| G104-0100361 | 0502 |
| G104-0100363 | 0304 |
| G104-0100366 | 0604.11 |
| G104-0100367 | 0604.11 |
| G104-0100368 | 0604.11 |
| G104-0100370 | 0105.2 |
| G104-0100370 | 0106.5 |
| G104-0100371 | 0105.2 |
| G104-0100371 | 0106.5 |
| G104-0100383 | 0604.11 |
| G104-0100387 | 0311 |
| G104-0100390 | 0200 |
| G104-0100398 | 0604.11 |
| G104-0100401 | 0103 |
| G104-0100402 | 0103 |
| G104-0100404 | 0604.11 |
| G104-0100411 | 0106.6 |
| G104-0100412 | 0301 |
| G104-0100415 | 0311 |
| G104-0100416 | 0105.2 |
| G104-0100417 | 2935 |
| G104-0100420 | 0605 |
| G104-0100439 | 0604.11 |
| G104-0100441 | 0101.5 |
| G104-0100443 | 0302.1 |
| G104-0100444 | 0302.1 |
| G104-0100446 | 0604.11 |
| G104-0100448 | 2931 |
| G104-0100450 | 0101.1 |
| G104-0100451 | 0502 |
| G104-0100460 | 0106.11 |
| G104-0100461 | 0105.2 |
| G104-0100465 | 0301 |
| G104-0100470 | 0105.2 |
| G104-0100478 | 0109.6 |
| G104-0100481 | 0502 |
| G104-0100482 | 0502 |
| G104-0100483 | 0101.1 |
| G104-0100485 | 0101.3 |
| G104-0100487 | 0102 |
| G104-0100488 | 0311 |
| G104-0100489 | 0604.11 |
| G104-0100491 | 0502 |
| G104-0100492 | 0502 |
| G104-0100505 | 0502 |
| G104-0100510 | 0502 |
| G104-0100512 | 0502 |
| G104-0100520 | 0101.1 |
| G104-0100530 | 0101.4 |
| G104-0100531 | 0311 |
| G104-0100534 | 0604.11 |
| G104-0100536 | 0104 |
| G104-0100537 | 0604.11 |
| G104-0100538 | 0604.11 |
| G104-0100539 | 0604.11 |
| G104-0100540 | 0109.1 |
| G104-0100541 | 2208.2 |
| G104-0100543 | 0604.11 |
| G104-0100544 | 0604.11 |
| G104-0100545 | 0604.11 |
| G104-0100546 | 0604.11 |
| G104-0100548 | 0604.11 |
| G104-0100550 | 0301 |
| G104-0100561 | 0311 |
| G104-0100562 | 0301 |
| G104-0100566 | 0604.11 |
| G104-0100573 | 0604.11 |
| G104-0100574 | 0604.11 |
| G104-0100580 | 0109.4 |
| G104-0100590 | 0201 |
| G104-0100600 | 0201 |
| G104-0100605 | 0301 |
| G104-0100606 | 0301 |
| G104-0100607 | 0604.11 |
| G104-0100642 | 0605 |
| G104-0100646 | 0301 |
| G104-0100649 | 0308 |
| G104-0100650 | 0100 |
| G104-0100650 | 0308 |
| G104-0100652 | 0301 |
| G104-0100652 | 0304 |
| G104-0100653 | 0100 |
| G104-0100653 | 0301 |
| G104-0100653 | 0308 |
| G104-0100655 | 2937 |
| G104-0100656 | 2931 |
| G104-0100657 | 2931 |
| G104-0100662 | 0101.3 |
| G104-0100663 | 0100 |
| G104-0100663 | 0106.11 |
| G104-0100668 | 0101.3 |
| G104-0100669 | 2911 |
| G104-0100670 | 0100 |
| G104-0100670 | 0106.6 |
| G104-0100671 | 0100 |
| G104-0100671 | 0101.3 |
| G104-0100672 | 0105.2 |
| G104-0100672 | 0301 |
| G104-0100673 | 0301 |
| G104-0100674 | 0301 |
| G104-0100675 | 0301 |

● *Refer to the proper group 13, there is one for each type suspension.*

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| G104-0101360 | 0101.3 |
| G104-0101360 | 0109.1 |
| G104-0101360 | 0109.2 |
| G104-0101360 | 0109.5 |
| G104-0101360 | 0604.11 |
| G104-0101360 | 0604.15 |
| G104-0101363 | 0301 |
| G104-0101370 | 0109.3 |
| G104-0101379 | 0311 |
| G104-0101380 | 0100 |
| G104-0101380 | 0108 |
| G104-0101385 | 0301 |
| G104-0101386 | 0301 |
| G104-0101387 | 0301 |
| G104-0101388 | 0301 |
| G104-0101396 | 0301 |
| G104-0101397 | 0301 |
| G104-0101398 | 0301 |
| G104-0101399 | 0604.11 |
| G104-0101401 | 0109.2 |
| G104-0101401 | 0109.4 |
| G104-0101402 | 0105.2 |
| G104-0101402 | 0109.3 |
| G104-0101403 | 0604.11 |
| G104-0101405 | 0308 |
| G104-0101406 | 0604.11 |
| G104-0101407 | 0604.11 |
| G104-0101410 | 0102 |
| G104-0101411 | 0308 |
| G104-0101415 | 0301 |
| G104-0101417 | 0109.1 |
| G104-0101417 | 0109.5 |
| G104-0101420 | 0109.5 |
| G104-0101421 | 0308 |
| G104-0101422 | 0106.15 |
| G104-0101430 | 0104 |
| G104-0101440 | 0104 |
| G104-0101450 | 0103 |
| G104-0101452 | 0102 |
| G104-0101460 | 0105.2 |
| G104-0101461 | 0101.5 |
| G104-0101462 | 0109.3 |
| G104-0101470 | 0109.3 |
| G104-0101480 | 0106.11 |
| G104-0101482 | 0308 |
| G104-0101485 | 0101.1 |
| G104-0101490 | 0106.6 |
| G104-0101492 | 0301 |
| G104-0101493 | 0308 |
| G104-0101500 | 0105.2 |
| G104-0101501 | 0308 |
| G104-0101510 | 0108 |
| G104-0101511 | 0108 |
| G104-0101515 | 0301 |
| G104-0101536 | 0106.6 |
| G104-0101540 | 0201 |
| G104-0101541 | 0604.11 |
| G104-0101542 | 0604.11 |
| G104-0101543 | 0604.11 |
| G104-0101544 | 0604.11 |
| G104-0101546 | 0604.11 |
| G104-0101549 | 0604.11 |
| G104-0101550 | 0201 |
| G104-0101556 | 0301 |
| G104-0101557 | 0301 |
| G104-0101560 | 0201 |
| G104-0101562 | 0301 |
| G104-0101569 | 0106.5 |
| G104-0101572 | 0109.6 |
| G104-0101573 | 0302.1 |
| G104-0101580 | 0109.2 |
| G104-0101581 | 0106.6 |
| G104-0101583 | 0106.6 |
| G104-0101584 | 0106.6 |
| G104-0101585 | 0100 |
| G104-0101589 | 0301 |
| G104-0101590 | 0102 |
| G104-0101592 | 0301 |
| G104-0101600 | 0106.6 |
| G104-0101600 | 0109.5 |
| G104-0101600 | 0311 |
| G104-0101622 | 0106.6 |
| G104-0101630 | 0102 |
| G104-0101640 | 0102 |
| G104-0101650 | 0106.6 |
| G104-0101665 | 0301 |
| G104-0101666 | 0301 |
| G104-0101667 | 0301 |
| G104-0101668 | 0106.6 |
| G104-0101669 | 0301 |
| G104-0101670 | 0109.4 |
| G104-0101671 | 0106.6 |
| G104-0101672 | 0604.11 |
| G104-0101673 | 0604.11 |
| G104-0101674 | 0106.5 |
| G104-0101681 | 0308 |
| G104-0101691 | 0301 |
| G104-0101711 | 0308 |
| G104-0101712 | 0308 |
| G104-0101715 | 0301 |
| G104-0101716 | 0301 |
| G104-0101731 | 0302.1 |
| G104-0101732 | 0302.1 |
| G104-0101735 | 0106.11 |
| G104-0101746 | 0106.15 |
| G104-0101747 | 0106.11 |
| G104-0101748 | 0301 |
| G104-0101749 | 0302.1 |
| G104-0101750 | 0109.4 |
| G104-0101751 | 0109.3 |
| G104-0101758 | 0604.11 |
| G104-0101759 | 0308 |
| G104-0101760 | 0102 |
| G104-0101800 | 0109.3 |
| G104-0101810 | 0109.3 |
| G104-0101820 | 2208.2 |
| G104-0101830 | 0102 |
| G104-0101831 | 0604.11 |
| G104-0101832 | 0604.11 |
| G104-0101833 | 0604.11 |
| G104-0101840 | 0100 |
| G104-0101840 | 0101.5 |
| G104-0101841 | 0109.5 |
| G104-0101850 | 0109.1 |
| G104-0101860 | 0201 |
| G104-0101861 | 0604.11 |
| G104-0101866 | 0106.6 |
| G104-0101867 | 0311 |
| G104-0101870 | 0104 |
| G104-0101880 | 0104 |
| G104-0101885 | 0104 |
| G104-0101930 | 0201 |
| G104-0101935 | 0101.5 |
| G104-0101935 | 0502 |
| G104-0101940 | 0201 |
| G104-0101950 | 0201 |
| G104-0101960 | 0201 |
| G104-0101960 | 1304.9 |
| G104-0101970 | 0109.4 |
| G104-0101973 | 0105.2 |
| G104-0101980 | 0104 |
| G104-0102000 | 0105.2 |
| G104-0102010 | 0105.2 |
| G104-0102020 | 0105.2 |
| G104-0102025 | 0301 |
| G104-0102030 | 0301 |
| G104-0102060 | 0202 |
| G104-0102061 | 0301 |
| G104-0102062 | 0106.6 |
| G104-0102063 | 0105.2 |
| G104-0102070 | 0201 |
| G104-0102072 | 0604.11 |
| G104-0102080 | 0102 |
| G104-0102085 | 0311 |
| G104-0102090 | 0109.4 |
| G104-0102091 | 0109.4 |
| G104-0102092 | 0308 |
| G104-0102100 | 0101.1 |
| G104-0102106 | 0604.11 |
| G104-0102107 | 0604.11 |
| G104-0102108 | 0311 |
| G104-0102114 | 0308 |
| G104-0102115 | 0308 |
| G104-0102120 | 0102 |
| G104-0102130 | 0101.4 |
| G104-0102131 | 0604.11 |
| G104-0102132 | 0604.11 |
| G104-0102133 | 0604.11 |
| G104-0102134 | 0604.11 |
| G104-0102136 | 0604.11 |
| G104-0102137 | 0604.11 |
| G104-0102138 | 0604.11 |
| G104-0102139 | 0604.11 |
| G104-0102140 | 0101.3 |
| G104-0102141 | 0604.11 |
| G104-0102142 | 0604.11 |
| G104-0102144 | 0604.11 |
| G104-0102145 | 0604.11 |
| G104-0102147 | 0604.11 |
| G104-0102150 | 0102 |
| G104-0102151 | 0502 |
| G104-0102152 | 0604.11 |
| G104-0102153 | 0604.11 |
| G104-0102160 | 0106.6 |
| G104-0102163 | 0301 |
| G104-0102165 | 0301 |
| G104-0102166 | 0301 |

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| G104-0304741 | 1905.65 |
| G104-0304741 | 1905.68 |
| G104-0304825 | 1801 |
| G104-0304826 | 1801 |
| G104-0304831 | 1905.5 |
| ●G104-0304910 | 1301 |
| G104-0304926 | 0604.11 |
| G104-0304970 | 1905.2 |
| ●G104-0304980 | 1301 |
| ●G104-0304990 | 1301 |
| G104-0304991 | 0306 |
| G104-0304998 | 1905.5 |
| G104-0305267 | 2401 |
| G104-0305326 | 1803.11 |
| G104-0305388 | 0608 |
| G104-0305389 | 0608 |
| ●G104-0305390 | 1302 |
| ●G104-0305520 | 1302 |
| G104-0305541 | 1905.1 |
| G104-0305542 | 1905.2 |
| ●G104-0305546 | 1301 |
| G104-0305681 | 1905.1 |
| ●G104-0305690 | 1302 |
| ●G104-0305760 | 1303 |
| G104-0305763 | 1401 |
| G104-0305763 | 1403 |
| G104-0305899 | 1905.3 |
| ●G104-0306040 | 1302 |
| G104-0306042 | 1401 |
| G104-0306044 | 1401 |
| G104-0306046 | 1905.5 |
| G104-0306061 | 1905.1 |
| G104-0306075 | 1905.61 |
| G104-0306261 | 1905.1 |
| G104-0306292 | 1905.1 |
| ●G104-0306380 | 1302 |
| ●G104-0306390 | 1302 |
| ●G104-0306398 | 1301 |
| ●G104-0306410 | 1301 |
| ●G104-0306411 | 1301 |
| ●G104-0306420 | 1301 |
| ●G104-0306430 | 1303 |
| G104-0306431 | 1401 |
| ●G104-0306460 | 1303 |
| G104-0306461 | 1402 |
| ●G104-0306500 | 1303 |
| G104-0306670 | 1805 |
| G104-0306740 | 1901.35 |
| ●G104-0306912 | 1301 |
| G104-0307020 | 0306 |
| G104-0307026 | 0306 |
| ●G104-0307059 | 1301 |
| ●G104-0307165 | 1301 |
| ●G104-0307166 | 1301 |
| ●G104-0307320 | 1301 |
| G104-0307323 | 1801 |
| G104-0307370 | 0100 |
| G104-0307382 | 0304 |
| G104-0307645 | 2401 |
| G104-0307654 | 1905.3 |
| G104-0307654 | 1905.5 |
| ●G104-0307680 | 1303 |
| G104-0307701 | 0100 |
| ●G104-0307761 | 1305 |
| ●G104-0307761 | 1305.1 |
| ●G104-0307761 | 1305.5 |
| ●G104-0307761 | 1305.7 |
| ●G104-0307761 | 1305.8 |
| ●G104-0307773 | 1303 |
| ●G104-0307790 | 1301 |
| G104-0400135 | 1401 |
| G104-0400391 | 1401 |
| G104-0400392 | 1401 |
| G104-0400521 | 0101.3 |
| ●G104-0400550 | 1304 |
| G104-0400551 | 1401 |
| G104-0400792 | 2208.2 |
| G104-0400840 | 2208.1 |
| ●G104-0401010 | 1304 |
| G104-0401190 | 2208.1 |
| G104-0401229 | 1401 |
| G104-0401717 | 0101.2 |
| G104-0401721 | 1401 |
| G104-0401722 | 1401 |
| G104-0401883 | 2208.1 |
| G104-0401883 | 2208.2 |
| G104-0401887 | 2208.1 |
| ●G104-0401960 | 1304 |
| ●G104-0401970 | 1304 |
| G104-0402070 | 2208.1 |
| G104-0500020 | 0601.8 |
| G104-0500040 | 0601.8 |
| G104-0500050 | 0603.8 |
| G104-0500055 | 2961 |
| G104-0500060 | 0603.8 |
| G104-0500071 | 0311 |
| G104-0500080 | 0603.8 |
| G104-0500090 | 0603.8 |
| G104-0500110 | 0603.8 |
| G104-0500120 | 0603.8 |
| G104-0500140 | 0603.8 |
| G104-0500150 | 0603.8 |
| G104-0500179 | 0608 |
| G104-0500210 | 0603.8 |
| G104-0500230 | 0603.8 |
| G104-0500240 | 0603.8 |
| G104-0500250 | 0601.8 |
| G104-0500265 | 2937 |
| G104-0500327 | 0613.2 |
| G104-0500346 | 0502 |
| G104-0500352 | 0601.1 |
| G104-0500360 | 0604.51 |
| G104-0500399 | 0604.11 |
| G104-0500406 | 0608 |
| G104-0500406 | 0613.2 |
| G104-0500408 | 0613.2 |
| G104-0500425 | 2961 |
| G104-0500426 | 0608 |
| G104-0500430 | 0601.8 |
| G104-0500440 | 0603.8 |
| G104-0500450 | 0601.8 |
| G104-0500470 | 0609.1 |
| G104-0500510 | 0601.8 |
| G104-0500529 | 2961 |
| G104-0500530 | 0603.8 |
| G104-0500570 | 0603.8 |
| G104-0500580 | 0603.8 |
| G104-0500601 | 2967 |
| G104-0500610 | 0603.8 |
| G104-0500620 | 0601.8 |
| G104-0500630 | 0604.51 |
| G104-0500639 | 2931 |
| G104-0500669 | 0601.8 |
| G104-0500671 | 2937 |
| G104-0500675 | 2939 |
| G104-0500710 | 0604.51 |
| G104-0500720 | 0601.8 |
| G104-0500760 | 0604.51 |
| G104-0500760 | 0604.55 |
| G104-0500765 | 2961 |
| G104-0500770 | 0603.8 |
| G104-0500910 | 0613.2 |
| G104-0500920 | 0601.8 |
| G104-0500951 | 0601.1 |
| G104-0500952 | 0601.1 |
| G104-0500980 | 0603.8 |
| G104-0500985 | 2961 |
| G104-0500990 | 0603.8 |
| G104-0501000 | 0603.8 |
| G104-0501020 | 0601.8 |
| G104-0501040 | 0603.8 |
| G104-0501050 | 0601.8 |
| G104-0501060 | 0603.8 |
| G104-0501075 | 0311 |
| G104-0501080 | 0603.8 |
| G104-0501090 | 0603.8 |
| G104-0501100 | 0603.8 |
| G104-0501140 | 0601.8 |
| G104-0501155 | 0613.1 |
| G104-0501180 | 0603.8 |
| G104-0501186 | 2937 |
| G104-0501276 | 2931 |
| G104-0501282 | 0311 |
| G104-0501290 | 0603.8 |
| G104-0501300 | 0603.8 |
| G104-0501310 | 0603.8 |
| G104-0501320 | 0603.8 |
| G104-0501330 | 0603.8 |
| G104-0501340 | 0603.8 |
| G104-0501360 | 0601.8 |
| G104-0501370 | 0604.51 |
| G104-0501380 | 0604.51 |
| G104-0501415 | 0605 |
| G104-0501418 | 0605 |
| G104-0501426 | 0601.1 |
| G104-0501427 | 0601.1 |
| G104-0501460 | 0601.8 |
| G104-0501470 | 0601.8 |
| G104-0501475 | 2961 |
| G104-0501480 | 0603.8 |
| G104-0501488 | 1305.8 |
| G104-0501520 | 0609.1 |
| G104-0501525 | 0603.8 |
| G104-0501526 | 0603.8 |
| G104-0501540 | 0604.51 |
| G104-0501570 | 0601.8 |

● *Refer to the proper group 13, there is one for each type suspension.*

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| G104-1596382 | 0109.5 |
| G104-1596401 | 0604.15 |
| G104-1602011 | 0604.15 |
| G104-1603809 | 0106.6 |
| G104-1605506 | 0105.1 |
| G104-1609106 | 1903.15 |
| G104-1611452 | 1905.3 |
| G104-1611456 | 1905.5 |
| G104-1611457 | 0601.8 |
| G104-1611462 | 2961 |
| G104-1613921 | 1801 |
| G104-1617452 | 2961 |
| G104-1617611 | 0304 |
| G104-1617634 | 0106.6 |
| G104-1617708 | 1905.5 |
| G104-1617726 | 0604.15 |
| G104-1617728 | 0105.2 |
| G104-1617728 | 0108 |
| G104-1617741 | 0106.15 |
| G104-1617860 | 0604.11 |
| G104-1621052 | 0604.15 |
| G104-1621066 | 0201 |
| G104-1621078 | 0105.2 |
| G104-1632828 | 0604.15 |
| G104-1632829 | 0604.15 |
| G104-1632833 | 0604.15 |
| G104-1632834 | 0604.15 |
| G104-1632839 | 0604.15 |
| G104-1632842 | 0604.15 |
| G104-1632843 | 0604.15 |
| G104-1632844 | 0604.15 |
| G104-1642985 | 0311 |
| G104-1648652 | 0306 |
| G104-1648653 | 2208.1 |
| G104-1648654 | 2208.1 |
| G104-1658647 | 0202 |
| G104-1658653 | 1905.2 |
| G104-1658672 | 0604.15 |
| G104-1658675 | 0604.15 |
| G104-1658684 | 2964.1 |
| G104-1658685 | 2964.1 |
| G104-1658712 | 1903.15 |
| G104-1661002 | 0302.2 |
| G104-1672441 | 1301 |
| G104-1674158 | 0202 |
| G104-1674211 | 1401 |
| G104-1674213 | 1905.65 |
| G104-1674213 | 1905.68 |
| G104-1676321 | 2935 |
| G104-1676439 | 0201 |
| G104-1676440 | 1305.8 |
| G104-1679865 | 1903.15 |
| G104-1679866 | 0104 |
| G104-1687240 | 0604.11 |
| G104-1687245 | 0604.15 |
| G104-1687254 | 0604.11 |
| G104-1687359 | 0108 |
| G104-1687360 | 0108 |
| G104-1687364 | 0108 |
| G104-1695627 | 1905.3 |
| G104-1695742 | 2967 |
| G104-1704850 | 0301 |
| G104-1707523 | 0106.5 |
| G104-1707524 | 0106.5 |
| G104-1714595 | 0201 |
| G104-1714597 | 0202 |
| G104-1714663 | 0604.15 |
| G104-1714677 | 0604.15 |
| G104-1714767 | 0102 |
| G104-1714768 | 0604.15 |
| G104-1714769 | 0604.15 |
| G104-1714770 | 0604.15 |
| G104-1714820 | 0311 |
| G104-1733745 | 0301 |
| G104-1733754 | 0301 |
| G104-1738472 | 1903.15 |
| G104-1738482 | 1905.5 |
| G104-1738482 | 1905.61 |
| G104-1738486 | 1905.3 |
| G104-1738487 | 0604.15 |
| G104-1738498 | 1403 |
| G104-1738499 | 0201 |
| G104-1738500 | 0202 |
| G104-1738501 | 0202 |
| G104-1738503 | 1801 |
| G104-1738526 | 1401 |
| G104-1738527 | 1401 |
| G104-1738568 | 0301 |
| G104-1738574 | 0301 |
| G104-1738581 | 1701 |
| G104-1738703 | 1905.1 |
| G104-1738704 | 1905.3 |
| G104-1738782 | 0108 |
| G104-1738851 | 1905.3 |
| G104-1738851 | 1905.5 |
| G104-1738852 | 1905.3 |
| G104-1738852 | 1905.5 |
| G104-1738853 | 1905.61 |
| G104-1738854 | 1905.61 |
| G104-1738856 | 1905.61 |
| G104-1738859 | 1905.3 |
| G104-1738859 | 1905.5 |
| G104-1738861 | 1905.3 |
| G104-1738861 | 1905.5 |
| G104-1738910 | 0104 |
| G104-1740186 | 0201 |
| G104-1740188 | 1903.15 |
| G104-1740200 | 0302.1 |
| G104-1740211 | 0602 |
| G104-1740220 | 0601.8 |
| G104-1740221 | 0302.1 |
| G104-1740222 | 0302.1 |
| G104-1740228 | 2964.1 |
| G104-1740229 | 0601.1 |
| G104-1740241 | 0604.15 |
| G104-1740242 | 0604.15 |
| G104-1740243 | 0604.15 |
| G104-1740244 | 0604.15 |
| G104-1740245 | 0604.15 |
| G104-1740290 | 0201 |
| G104-1740299 | 0201 |
| G104-1740347 | 1701 |
| G104-1740348 | 1701 |
| G104-1740351 | 1701 |
| G104-1740386 | 0602 |
| G104-1740450 | 0604.15 |
| G104-1740451 | 0604.15 |
| G104-1740452 | 0604.15 |
| G104-1740453 | 0101.2 |
| G104-1740453 | 0106.6 |
| G104-1740453 | 0109.2 |
| G104-1740453 | 0109.5 |
| G104-1740453 | 0311 |
| G104-1740468 | 0109.2 |
| G104-1740495 | 0301 |
| G104-1740496 | 0302.1 |
| G104-1740500 | 0301 |
| G104-1740504 | 0302.1 |
| G104-1740506 | 0102 |
| G104-1740521 | 1801 |
| G104-1740522 | 0609.1 |
| G104-1740556 | 0605 |
| G104-1740601 | 1903.15 |
| G104-1740602 | 1905.68 |
| G104-1742200 | 0604.15 |
| G104-1744040 | 0311 |
| G104-1764827 | 1905.5 |
| G104-1767632 | 1901.1 |
| G104-1767638 | 0201 |
| G104-1767650 | 0109.2 |
| G104-1767662 | 0202 |
| G104-1769746 | 0604.15 |
| G104-1769748 | 2964.1 |
| G104-1769749 | 2964.1 |
| G104-1769773 | 0502 |
| G104-1769778 | 1905.3 |
| G104-1769778 | 1905.5 |
| G104-1769788 | 0109.1 |
| G104-1769820 | 1901.1 |
| G104-1769823 | 0201 |
| G104-1769831 | 0202 |
| G104-1769832 | 0202 |
| G104-1769913 | 0201 |
| G104-1769915 | 0201 |
| G104-1769922 | 0604.15 |
| G104-1773244 | 0302.1 |
| G104-1773256 | 1401 |
| G104-1773298 | 1401 |
| G104-1773310 | 0104 |
| G104-1773475 | 1901.31 |
| G104-1773476 | 1905.61 |
| ●G104-1773479 | 1302 |
| G104-1773500 | 0105.2 |
| G104-1773595 | 0604.15 |
| G104-1773596 | 0604.15 |
| G104-1773607 | 0302.1 |
| G104-1781660 | 0604.15 |
| G104-1781673 | 0304 |
| G104-1781683 | 0602 |
| G104-1781692 | 0604.15 |
| G104-1781693 | 0604.15 |
| G104-1781694 | 0604.15 |
| G104-1781695 | 0604.15 |
| G104-1781696 | 0604.15 |
| G104-1781697 | 6004.15 |
| G104-1781698 | 0604.15 |

● *Refer to the proper group 13, there is one for each type suspension.*

# STOCK NUMBER INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

# STOCK NUMBER INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type* ***suspension.***

● *Refer to the proper group 13, there is one for each type suspension.*

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| Number | Group |
|---|---|
| G104-5349478 | 1903.11 |
| G104-5349487 | 1903.11 |
| G104-5349647 | 1903.11 |
| G104-5349667 | 0613.1 |
| G104-5349697 | 1903.11 |
| G104-5349698 | 1903.11 |
| ●G104-5380854 | 1302 |
| G104-5381009 | 1403 |
| G104-5381010 | 1403 |
| G104-5381121 | 1803.3 |
| G104-5381138 | 1403 |
| G104-5381219 | 1803.3 |
| G104-5381220 | 1803.3 |
| G104-5381358 | 1401 |
| G104-5381362 | 1401 |
| G104-5381363 | 1403 |
| G104-5381364 | 1403 |
| G104-5381365 | 1401 |
| G104-5381366 | 1401 |
| G104-5381367 | 1401 |
| G104-5381399 | 1806 |
| G104-5381401 | 1806 |
| G104-5381407 | 1806 |
| G104-5381430 | 2208.2 |
| G104-5381479 | 1903.16 |
| G104-5381601 | 0608 |
| G104-5382626 | 1903.15 |
| G104-5383099 | 0309 |
| G104-5383108 | 0306 |
| G104-5383405 | 0106.3 |
| G104-5383538 | 1403 |
| G104-5383571 | 1403 |
| G104-5383624 | 0611 |
| G104-5383908 | 1402 |
| G104-5383909 | 1402 |
| G104-5383911 | 1402 |
| G104-5383957 | 1402 |
| G104-5383969 | 1402 |
| ●G104-5384315 | 1301 |
| ●G104-5384316 | 1301 |
| ●G104-5384316 | 1302 |
| ●G104-5384316 | 1303 |
| ●G104-5384317 | 1301 |
| ●G104-5384320 | 1301 |
| G104-5384322 | 1604 |
| ●G104-5384323 | 1301 |
| ●G104-5384323 | 1303 |
| ●G104-5384331 | 1301 |
| ●G104-5384331 | 1302 |
| ●G104-5384332 | 1301 |
| ●G104-5384333 | 1301 |
| ●G104-5384334 | 1301 |
| ●G104-5384334 | 1302 |
| ●G104-5384335 | 1302 |
| ●G104-5384336 | 1302 |
| ●G104-5384339 | 1302 |
| ●G104-5384340 | 1302 |
| ●G104-5384341 | 1302 |
| ●G104-5384343 | 1302 |
| ●G104-5384344 | 1302 |
| ●G104-5384346 | 1303 |
| ●G104-5384347 | 1303 |
| ●G104-5384348 | 1303 |
| ●G104-5384354 | 1305 |
| ●G104-5384356 | 1304 |
| ●G104-5384382 | 1302 |
| G104-5384619 | 0601.1 |
| G104-5384620 | 0601.1 |
| G104-5384698 | 0613.1 |
| G104-5384703 | 0613.1 |
| G104-5397110 | 1903.15 |
| G104-5397154 | 1903.15 |
| G104-5397156 | 1903.15 |
| G104-5397158 | 1903.15 |
| G104-5397160 | 1903.15 |
| G104-5397161 | 1903.15 |
| G104-5397162 | 1903.15 |
| G104-5412521 | 1903.11 |
| G104-5414135 | 0608 |
| G104-5414139 | 0608 |
| G104-5416569 | 0607 |
| G104-5568781 | 0104 |
| G104-5599561 | 0105.2 |
| G104-5599569 | 0105.2 |
| G104-5600350 | 0202 |
| G104-5600412 | 0609.2 |
| G104-5600852 | 1403 |
| G104-5600945 | 1401 |
| G104-5600947 | 1806 |
| G104-5601068 | 1403 |
| G104-5601076 | 0306 |
| G104-5601128 | 1403 |
| G104-5601165 | 1401 |
| G104-5601166 | 1401 |
| G104-5601270 | 0311 |
| G104-5601272 | 0311 |
| G104-5601298 | 0311 |
| ●G104-5601531 | 1301 |
| G104-5615795 | 1901.35 |
| ●G104-5635841 | 1301 |
| ●G104-5635844 | 1301 |
| ●G104-5635847 | 1301 |
| ●G104-5635849 | 1302 |
| ●G104-5635850 | 1302 |
| ●G104-5635852 | 1302 |
| ●G104-5635856 | 1302 |
| ●G104-5635860 | 1303 |
| ●G104-5635861 | 1303 |
| ●G104-5635862 | 1303 |
| ●G104-5635866 | 1305 |
| ●G104-5635867 | 1304 |
| G104-5636150 | 0613.1 |
| G104-5636173 | 0613.1 |
| G104-5636174 | 0613.1 |
| G104-5636175 | 0613.1 |
| G104-5636184 | 0613.1 |
| G104-5644899 | 1905.2 |
| G104-5652466 | 1906 |
| G104-5652907 | 0613.1 |
| G104-5677192 | 1903.15 |
| G104-5677194 | 1903.15 |
| G104-5700230 | 0100 |
| G104-6154501 | 0101.1 |
| G104-6167534 | 0109.3 |
| G104-6194614 | 0109.2 |
| G104-6194616 | 0109.2 |
| G104-6194621 | 0109.2 |
| G104-6207953 | 0202 |
| G104-6209689 | 1403 |
| G104-6209949 | 1401 |
| G104-6209958 | 1806 |
| G104-6210230 | 1901.1 |
| G104-6210231 | 1901.1 |
| G104-6210254 | 1402 |
| G104-6210277 | 1403 |
| G104-6210280 | 1403 |
| G104-6210335 | 0306 |
| G104-6210336 | 0306 |
| G104-6210349 | 0306 |
| G104-6210394 | 0309 |
| G104-6210421 | 0311 |
| ●G104-6210709 | 1301 |
| G104-6242419 | 0605 |
| G104-6242718 | 1903.16 |
| G104-6242723 | 1903.16 |
| G104-6294332 | 0306 |
| G104-6297535 | 0106.6 |
| ●G104-6297673 | 1301 |
| ●G104-6297674 | 1301 |
| ●G104-6297675 | 1302 |
| ●G104-6297676 | 1302 |
| ●G104-6297677 | 1302 |
| ●G104-6297678 | 1303 |
| ●G104-6297679 | 1303 |
| ●G104-6297680 | 1303 |
| ●G104-6297681 | 1303 |
| ●G104-6297684 | 1303 |
| ●G104-6297691 | 1305 |
| G104-6300620 | 1903.11 |
| G104-6337191 | 1903.15 |
| G104-6337720 | 1903.11 |
| G104-6533301 | 0102 |
| G104-6539690 | 0109.5 |
| G104-6550177 | 0301 |
| G104-6552895 | 0311 |
| G104-6552896 | 0311 |
| G104-6569810 | 0106.6 |
| G104-6577970 | 0306 |
| G104-6577971 | 0306 |
| ●G104-6580065 | 1301 |
| G104-6580067 | 1604 |
| ●G104-6580068 | 1302 |
| ●G104-6580069 | 1303 |
| ●G104-6580074 | 1304 |
| G104-6580474 | 0613.1 |
| G104-6580491 | 2900 |
| G104-6582158 | 0614 |
| G104-6582198 | 1906 |
| G104-6590039 | 1906 |
| G104-6594597 | 1903.15 |
| G104-6594598 | 1903.15 |
| G104-6594605 | 1903.15 |
| G104-6594606 | 1903.15 |
| G104-6594607 | 1903.15 |
| G104-6902656 | 0109.2 |
| G104-6910605 | 1903.15 |
| G104-7000148 | 0601.5 |
| G104-7000149 | 0601.5 |
| G104-7000150 | 0601.5 |

● *Refer to the proper group 13, there is one for each type suspension.*

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● *Refer to the proper group 13, there is one for each type suspension.*

# STOCK NUMBER INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

# STOCK NUMBER INDEX (Cont.)

| Number | Group |
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| G163-7006840 | 0105.1 |
| G163-7006841 | 0105.1 |
| G163-7006843 | 0105.1 |
| G163-7006844 | 0105.1 |
| G163-7006849 | 0108 |
| G163-7006858 | 0101.5 |
| G163-7006860 | 0104 |
| G163-7006862 | 0201 |
| G163-7006863 | 0104 |
| G163-7006867 | 0102 |
| G163-7006871 | 0104 |
| G163-7006872 | 0101.2 |
| G163-7006880 | 0102 |
| G163-7006881 | 0311 |
| G163-7006882 | 0311 |
| G163-7006883 | 0311 |
| G163-7006884 | 0311 |
| G163-7006885 | 0311 |
| G163-7006886 | 0311 |
| G163-7006887 | 0311 |
| G163-7006893 | 0100 |
| G163-7006893 | 0106.6 |
| G163-7006900 | 0101.5 |
| G163-7006903 | 0100 |
| G163-7006903 | 0106.6 |
| G163-7006915 | 0106.6 |
| G163-7006926 | 0106.6 |
| G163-7006929 | 0100 |
| G163-7006929 | 0106.6 |
| G163-7006930 | 0109.1 |
| G163-7006933 | 0104 |
| G163-7006934 | 0104 |
| G163-7006936 | 0101.1 |
| G163-7006943 | 0102 |
| G163-7006944 | 0104 |
| G163-7006945 | 0104 |
| G163-7006946 | 0105.1 |
| G163-7006947 | 0108 |
| G163-7006951 | 0502 |
| G163-7006953 | 0502 |
| G163-7006958 | 0502 |
| G163-7006961 | 0502 |
| G163-7006963 | 0502 |
| G163-7006965 | 0502 |
| G163-7006966 | 0502 |
| G163-7006970 | 0101.5 |
| G163-7006971 | 0101.5 |
| G163-7006972 | 0101.5 |
| G163-7006973 | 0109.1 |
| G163-7006976 | 0106.6 |
| G163-7006980 | 0106.11 |
| G163-7006981 | 0101.2 |
| G163-7006981 | 0108 |
| G163-7006983 | 0105.2 |
| G163-7006984 | 0105.2 |
| G163-7006985 | 0105.2 |
| G163-7006986 | 0105.2 |
| G163-7006987 | 0605 |
| G163-7006989 | 0109.2 |
| G163-7006991 | 0109.2 |
| G163-7006992 | 0109.5 |
| G163-7006994 | 0109.6 |
| G163-7006996 | 0109.2 |
| G163-7006999 | 0109.2 |
| G163-7007000 | 0101.3 |
| G163-7007000 | 0109.2 |
| G163-7007000 | 0109.5 |
| G163-7008412 | 0101.2 |
| G163-7008413 | 1402 |
| G163-7008416 | 0106.11 |
| G163-7008417 | 0106.5 |
| G163-7008421 | 0105.1 |
| G163-7008768 | 0100 |
| G163-7008768 | 0106.6 |
| G163-7008769 | 0100 |
| G163-7008769 | 0106.6 |
| G163-7008770 | 0100 |
| G163-7008770 | 0106.6 |
| G163-7008771 | 0100 |
| G163-7008771 | 0106.6 |
| G163-7008775 | 0106.6 |
| G163-7008776 | 0106.6 |
| G163-7008777 | 0106.6 |
| G163-7008778 | 0106.6 |
| G163-7008779 | 0106.6 |
| G163-7008780 | 0100 |
| G163-7008780 | 0106.6 |
| G163-7008781 | 0106.6 |
| G163-7008782 | 0106.6 |
| G163-7008783 | 0106.6 |
| G163-7008785 | 0106.6 |
| G163-7008786 | 0106.6 |
| G163-7008787 | 0106.6 |
| G163-7008788 | 0106.6 |
| G163-7008790 | 0106.6 |
| G167-0311376 | 0301 |
| G167-0338705 | 1402 |
| G169-0232815 | 0306 |
| G170-0125808 | 1801 |
| G170-0194032 | 2935 |
| G170-0340580 | 1402 |
| G170-0367616 | 0602 |
| G170-0382020 | 0602 |
| G170-0443046 | 1402 |
| G170-0443048 | 1903.21 |
| G170-0443048 | 1903.25 |
| G183-5246193 | 0613.2 |
| G183-5246193 | 0608 |
| G183-5348895 | 1901.21 |
| G183-5348895 | 1905.1 |
| G183-5349629 | 0608 |
| G183-5349658 | 1903.11 |
| G183-5381088 | 0608 |
| G183-5381610 | 0607 |
| G183-5415022 | 1901.21 |
| G183-5415023 | 1901.21 |
| G183-5415025 | 1901.21 |
| G183-6300619 | 1903.11 |
| G183-6300790 | 1903.11 |
| G183-6300791 | 1903.11 |
| G183-6300924 | 1903.11 |
| G183-6300937 | 1903.11 |
| G183-6337190 | 1903.15 |
| G183-6582188 | 0613.2 |
| G183-7001244 | 2911 |
| G183-7001246 | 2911 |
| G183-7001247 | 2912 |
| G183-7005726 | 2911 |
| ●G184-5639817 | 1305 |
| G197-5348044 | 1803.2 |
| G197-5348044 | 1903.21 |
| G197-5349438 | 1903.11 |
| G197-5349496 | 1905.1 |
| G197-5381320 | 1803.2 |
| G197-5381320 | 1903.21 |
| G197-5412461 | 1903.11 |
| G197-5600914 | 1803.2 |
| G197-5600914 | 1903.21 |
| G197-5601022 | 1901.31 |
| G197-5601024 | 1901.31 |
| G197-5602411 | 1903.25 |
| G197-5652380 | 1901.21 |
| G197-6209787 | 2208.2 |
| G197-6295351 | 1903.25 |
| G197-6337081 | 1903.15 |
| G200-1793690 | 0614 |
| G200-5384631 | 0613.2 |
| G200-6298188 | 0614 |
| G200-6578456 | 0601.5 |
| G210-5248095 | 1905.9 |
| G210-5303380 | 0301 |
| G210-5349694 | 1905.2 |
| G210-5383611 | 1803.11 |
| G210-5383643 | 1804 |
| G210-5384677 | 0613.2 |
| G210-5384677 | 0614 |
| G210-5652331 | 0613.2 |
| G210-6208937 | 1804 |
| G210-6298139 | 0608 |
| G210-6582149 | 1905.1 |
| G210-7000255 | 1905.9 |
| G210-7000256 | 1905.9 |
| G210-7000257 | 1905.9 |
| G210-7000258 | 1905.9 |
| G210-7000261 | 1905.9 |
| G210-7000271 | 1905.9 |
| G210-7000372 | 1905.9 |
| G210-7000373 | 1905.9 |
| G210-7000375 | 1905.9 |
| G210-7008850 | 1803.2 |
| G210-7008850 | 1903.21 |
| G210-7008853 | 1903.11 |
| G212-5277906 | 1901.31 |
| G212-5277912 | 1901.31 |
| G212-5329971 | 0613.1 |
| G212-5343387 | 0309 |
| ●G212-5345867 | 1301 |
| ●G212-5345868 | 1301 |
| G212-5349204 | 1901.21 |
| G212-5349403 | 2941 |
| G212-5381222 | 1803.3 |
| G212-5381457 | 1803.3 |
| G212-5381458 | 1803.3 |
| G212-5381609 | 2939 |
| G212-5382631 | 2401 |
| ●G212-5383560 | 1301 |
| ●G212-5383608 | 1301 |
| G212-5384621 | 0601.1 |
| G212-5384622 | 0601.1 |

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| G212-5600959 | 1806 |
| G212-5615042 | 0601.5 |
| G212-5636140 | 0613.1 |
| G212-5636145 | 0613.2 |
| G212-5636145 | 0614 |
| G212-5652408 | 1901.21 |
| G212-5652905 | 2941 |
| ●G212-6210099 | 1301 |
| ●G212-6210100 | 1301 |
| ●G212-6210102 | 1301 |
| G212-6237288 | 0601.5 |
| G212-6298263 | 0616 |
| G212-6298268 | 0616 |
| G212-6300473 | 0613.2 |
| G212-6300476 | 0613.2 |
| G212-6537127 | 2401 |
| G212-6552881 | 1901.35 |
| G212-6552882 | 1901.35 |
| G212-6552897 | 1901.35 |
| ●G212-6578399 | 1301 |
| G212-6581897 | 1903.25 |
| G212-6590002 | 2935 |
| G212-7008903 | 0613.2 |
| G212-7008930 | 2401 |
| G212-7008936 | 1803.3 |
| G212-7008940 | 0607 |
| G212-7067074 | 0609.2 |
| G212-7156842 | 1901.1 |
| G214-7033652 | 0311 |
| G225-6580492 | 0613.2 |
| G402-5172431 | 0613.2 |
| G402-5223272 | 0608 |
| G402-5223272 | 0613.2 |
| G402-5226554 | 0613.2 |
| G402-5384631 | 0613.2 |
| G402-6201152 | 0613.2 |
| G402-6296308 | 0608 |
| G402-6300603 | 0613.2 |
| G402-6337925 | 0608 |
| G402-6337927 | 0613.2 |
| G402-6575799 | 0613.2 |
| G402-7000319 | 0608 |
| G402-7035012 | 0608 |
| G402-7035012 | 0613.2 |
| G402-7035029 | 0613.2 |
| K002-0200140 | 2401 |
| M001-0102915 | 0609.2 |
| M001-0106065 | 2931 |
| M001-0107264 | 0609.1 |
| M001-0107331 | 0609.2 |
| M001-0107447 | 0609.2 |
| M001-0107904 | 2931 |
| M001-0109365 | 2965 |
| M001-0111260 | 0613.2 |
| M001-0111282 | 0609.2 |
| M001-0111288 | 0609.2 |
| M001-0213295 | 0608 |
| M001-0213295 | 0609.2 |
| M001-0214514 | 0609.1 |
| M001-0214524 | 0609.1 |
| M001-0214535 | 0609.1 |
| M001-0214537 | 0609.1 |
| M001-0214541 | 0609.1 |
| M003-6199959 | 0607 |
| M003-6208795 | 0607 |
| M003-6208797 | 0607 |
| M003-6209888 | 0607 |
| M005-0101439 | 1905.3 |
| M005-0101440 | 1903.25 |
| ●M005-0101483 | 1302 |
| M005-0255001 | 1905.1 |
| M005-0259020 | 1903.25 |
| ●M005-0259090 | 1302 |
| M005-0259160 | 1905.3 |

● *Refer to the proper group 13, there is one for each type suspension.*

# ALPHABETICAL INDEX

**This index is prepared in strict numerical sequence) that is, all letters or dashes prefixed, suffixed or interspersed in the numbers are disregarded. For instance, AY-3T-8 is in sequence as 38, but the complete number AY-3T-8, including the manufacturer's symbol as the prefix, is shown in the listing. Further all Ordnance numbers are identified by the prefix "ORD" in this index but not in the body of the book. Ordnance Standard Part Numbers are not included in this index as such parts appear in too many groups to be of value in an index.**



● *Refer to the proper group 13, there is one for each type suspension.*

# ALPHABETICAL INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

# ALPHABETICAL INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

# ALPHABETICAL INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

## ALPHABETICAL INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

## ALPHABETICAL INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

## ALPHABETICAL INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

# ALPHABETICAL INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

# ALPHABETICAL INDEX (Cont.)



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● *Refer to the proper group 13, there is one for each type suspension.*

● *Refer to the proper group 13, there is one for each type suspension.*

# ALPHABETICAL INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

# ALPHABETICAL INDEX (Cont.)



● *Refer to the proper group 13, there is one for each type suspension.*

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## M



## N



● *Refer to the proper group 13, there is one for each type suspension.*

# ALPHABETICAL INDEX (Cont.)



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# EXPLANATION OF SUPERSESSION DATA

Ordnance Catalog, Standard Nomenclature List No. G-207 dated 30 December 1943, subsequently changed to ASF format, ORD 7, 8, 9 SNL G-207 by changes No. 3, was published with the ORD (Addendum) and ORD 9 (Service Parts Catalog) combined on the same pages.

The ORD 8-9 is the section 2 of the original publication and is called Maintenance Parts Procurement List. Only those items which have no quantity in column 9 shall be deleted as they are the only items entirely replaced by this catalog. All those items which have a quantity in column 9, are ORD 8 items; however, the entries for Stock Number, Part Number, Nomenclature and Quantity Required Per Unit Assembly as shown in this ORD 9 catalog will replace the corresponding data where there is variance. This supersession of Stock Number, Part Number, Nomenclature and Quantity Required Per Unit Assembly shall apply only until a separate ORD 8 catalog is published to supersede the ORD 8 portion of the 30 December 1943 publication.

All four changes to the old publication are likewise affected by the above supersession information.